11000

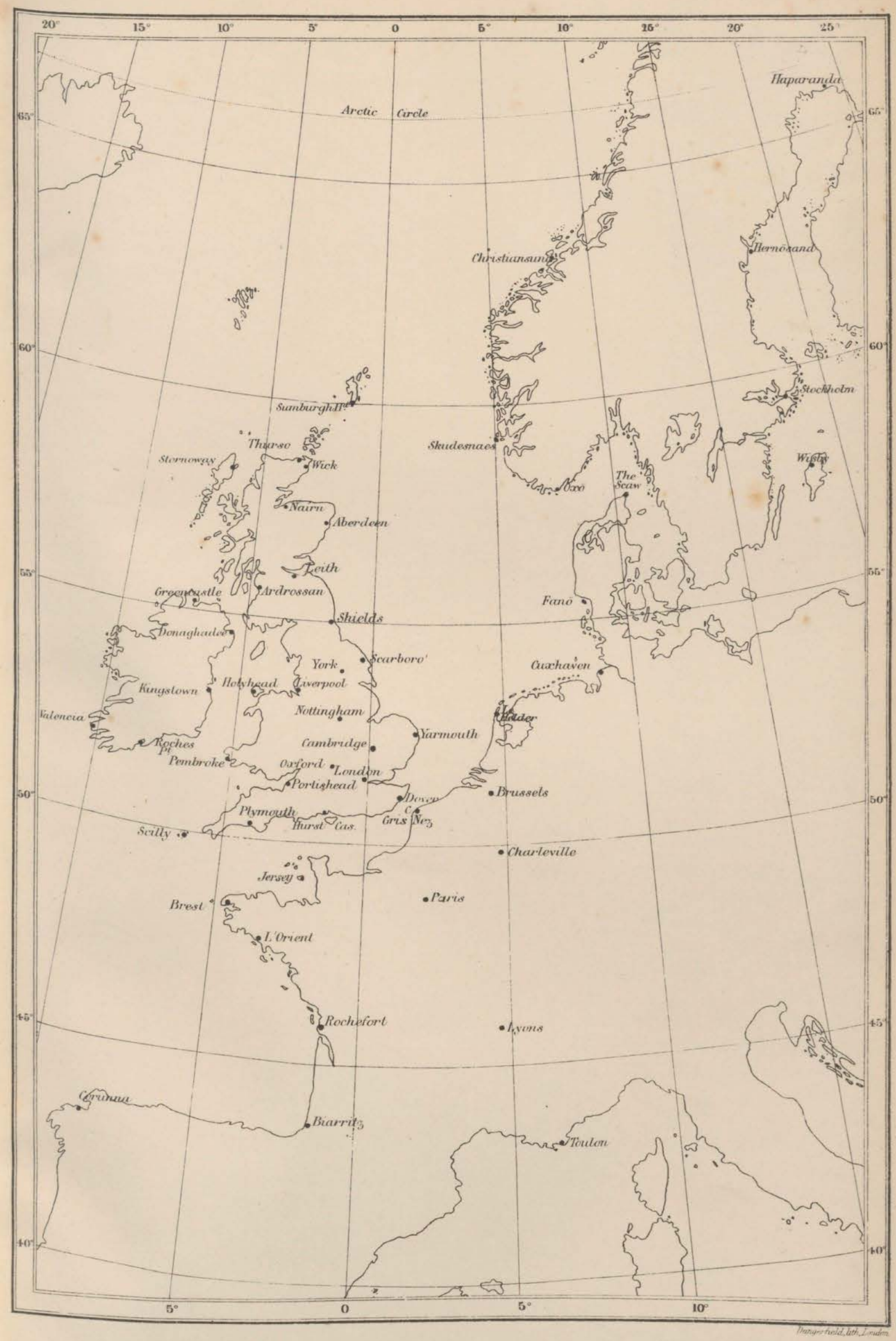
METEOROLOGICAL OFFICE.

DAILY WEATHER REPORTS.

1ST JANUARY — 30TH JUNE,

1878.

F & T 550 10-78



Bumpstead lith. London

MAP SHOWING ALL THE STATIONS REPORTING BY TELEGRAPH DAILY TO THE METEOROLOGICAL OFFICE, JAN. 1, 1878.

DAILY WEATHER REPORT APRIL 1st 1878.

STATIONS.	† YESTERDAY EVENING. Barometer at 32° F. and Sea Level.	Temp. in shade.	Wind. Direc.	Wind. Force. (0 to 12).	Weather.	8 A.M. TO DAY. Barometer. Reading at 32° F. and Sea Level.	Barometer. Difference from 8 a.m. yesterday.	Shade Temp. Dry.	Shade Temp. Wet.	Shade Temp. Difference from 8 a.m. yesterday.	Wind. Direc.	Wind. Force. (0 to 12).	Weather.	Sea. (0 to 9.)	PAST 24 HOURS. Shade Temp. Max.	Shade Temp. Min.	Amount of Rainfall
Haparanda ...														*			
Hernösand ...														*	*	*	
Stockholm ...														*	*	*	
Wisby														*	*	*	
Christiansund ...																	
Skudesnaes ...																	
Oxö (Xtiansand)																	
Skagen (The Skaw)	29·05	32	N	5	b	29·04	+ ·09	34	32	0	SW	4	0	4	37	25	0·04
Fanö	29·13	36	S	6	c	29·02	− ·04	34	34	− 1	SW	2	c	*	39	32	0·16
Cuxhaven ...	29·32	39	N	5	o	29·12	+ ·01	40	38	+ 2	SSW	5	o	*	41	34	—
Sunburgh Head	28·92	27	NNE	2	b	28·73	− ·34	32	30	+ 3	NE	3	c	3	34	24	—
Stornoway	29·12	35	N	5	pchg	28·84	− ·49	37	36	+ 7	NNW	5	o	4	37	28	0·26
Thurso	28·97	36	N	5	s	28·76	− ·44	33	32	+ 1	NE	1	o	5	43	30	0·44
Wick	28·95	33	NW	4	s	28·75	− ·37	35	34	+ 5	?	o	o	0	35	28	0·43
Nairn	29·08	34	NNW	4	o	28·78	?	34	33	+ 7	NNW	5	r	2	37	?	0·10
Aberdeen ...	28·99	35	NW	4	s	28·73	− ·55	33	31	+ 6	NW	2	c	2	37	27	0·12
Leith	29·08	39	NW	3	bc	28·82	− ·49	36	34	+ 4	N	4	o	*	45	30	0·02
Shields	29·14	32	NNW	2	b	28·92	− ·42	35	34	+ 3	N	5	b	3	35	28	0·16
Scarborough .	29·13	33	NNW	1	c	28·99	− ·37	36	?	+ 2	NSW	2	b	2	39	28	0·07
York	29·20	33	NW	1	o	29·03	− ·37	35	33	+ 1	N	1	b	*	39	28	0·18
Nottingham ...	29·23	37	N	1	f	29·12	− ·34	34	33	− 3	SW	1	b	*	45	24	0·09
Ardrossan ...	29·13	39	NW	8	b	28·94	− ·39	40	36	+ 5	NNW	7	c	5	41	35	0·01
Greencastle ...	29·29	38	NW	3	b	29·07	− ·32	35	35	− 1	NW	3	osp	*	41	32	0·21
Donaghadee ...	29·26	37	NNW	4	b	29·08	− ·29	34	33	− 3	NNW	5	b	3	39	31	0·06
Kingstown ...	29·35	39	N	4	c	29·23	− ·30	35	33	− 4	NNW	4	b	4	44	32	—
Holyhead ...	29·30	38	NNW	4	o	29·17	− ·31	39	36	− 1	NNW	5	bc	4	45	36	0·05
Liverpool (Bidston)	29·25	35	NNW	2	c	29·10	− ·33	38	35	+ 1	N	4	c	4	42	33	0·06
Valencia	29·32	45	NW	2	o	29·35	− ·23	40	39	− 5	ESE	1	bc	3	53	34	0·17
Roche's Point...	29·34	44	NNE	4	f	29·34	− ·27	37	34	− 4	NNW	3	b	3	49	33	0·32
Pembroke ...	29·39	42	NNW	2	f	29·26	− ·31	39	35	− 2	NSW	4	b	3	46	34	0·10
Portishead ...	29·30	46	SW	7	f	29·21	− ·34	36	33	− 2	NSW	3	b	3	47	28	0·18
Scilly																	
Plymouth ...	29·38	45	SW	2	o	29·27	− ·35	39	37	+ 3	?	o	b	*	56	34	0·34
Hurst Castle ...	29·36	45	SW	6	ogw	29·20	− ·34	34	32	− 4	NNW	4	bc	4	47	31	0·27
Dover	29·38	41	NSW	5	bc	29·08	− ·42	32	30	− 5	N	4	b	2	43	30	0·24
London	29·33	43	NSW	5	odw	29·15	− ·39	32	30	− 2	NNW	1	b	*	46	29	0·17
Oxford	*	*	*	*	*	29·18	− ·36	32	30	+ 1	N	1	b	*	44	?	0·31
Cambridge ...	29·25	40	SW	4	f	29·12	− ·37	29	28	− 5	NNW	1	b	*	45	21	?
Yarmouth ...	29·26	41	SW	5	c	29·09	− ·35	31	30	− 3	NNW	2	bm	3	43	25	0·14
The Helder. ...	*	*	*	*	*	29·06	− ·26	35	34	− 4	N	1	s	*	*	*	0·47
Cape Gris Nez	29·37	41	NSW	5	o	29·05	− ·44	32	32	− 4	N	5	c	5	43	32	0·20
Jersey																	
Brest	29·54	50	WNW	4	f	29·31	− ·41	46	43	?	NNW	4	bc	?	?	?	0·16
L'Orient	29·58	46	W	5	f	29·34	− ·44	46	45	+ 5	NW	5	f	4	50	37	0·20
Rochefort ...	29·68	52	N	4	c	29·35	− ·37	50	60	+ 11	N	8	f	7	50	32	0·39
Biarritz	29·83	48	SW	4	f	29·65	− ·20	48	46	+ 5	NSW	5	f	3	52	43	0·57
Corunna	*	*	*	*	*				*						*	*	*
Brussels	*	*	*	*	*	29·02	?	38	37	?	S	4	f	*	44	38	0·04
Charleville ...	*	*	*	*	*	? 29·20	− ·24	36	*	+ 3	S	6	f	*	*	*	*
Paris	29·56	43	SW	3	o	29·10	− ·50	45	43	+ 6	SW	3	o	*	*	*	0·32
Lyons	*	*	*	*	*	29·58	− ·13	44	*	+ 1	S	6	os	*	*	*	*
Toulon	29·56	41	W	7	b	29·68	+ ·15	39	34	+ 3	W	4	b	4	46	36	—

YESTERDAY'S 2 P.M. REPORTS AND REMARKS.

	Bar.	Dry.	Wet.	Wind.		Wea.	Sea.		Bar.	Dry.	Wet.	Wind.		Wea.	Sea.
Skudesnaes ...	28·95	37	31	NNW	2	bc	2	Valencia							
Thurso								Scilly							
Scarborough ...								London							*
Greencastle ...							*	Rochefort ...	29·79	48	43	NNW	4	c	3
Holyhead															

EXPLANATION OF COLUMNS.

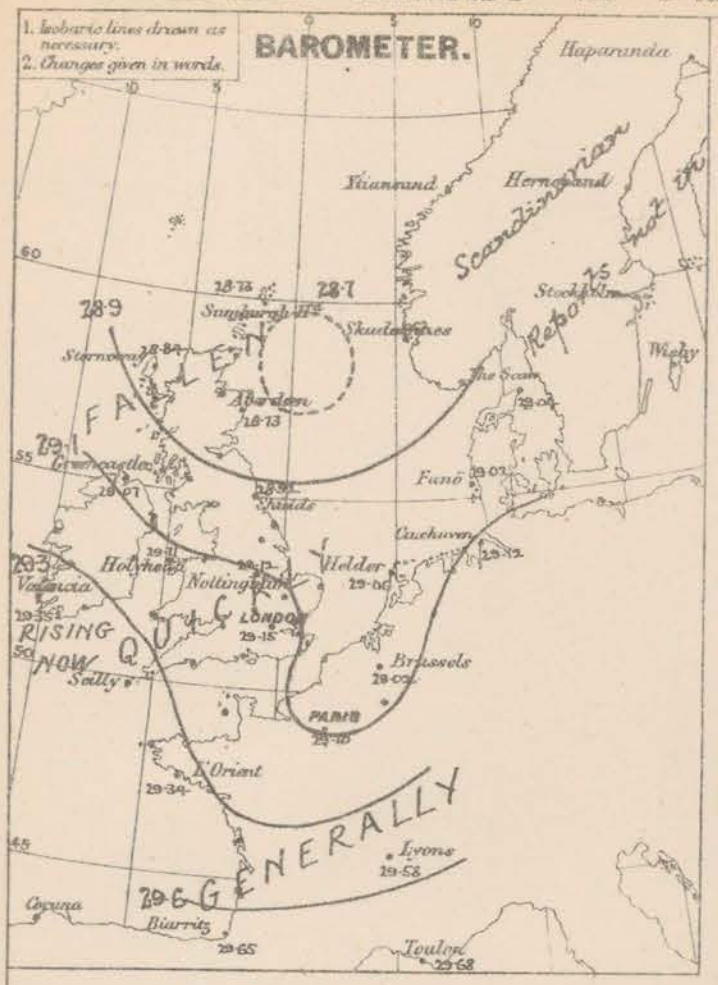
WEATHER.—*Beaufort Scale* is, b. blue sky; c. detached clouds; d. drizzling rain; f. fog, g. dark, gloomy; h. hail; l. lightning m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency w. dew.

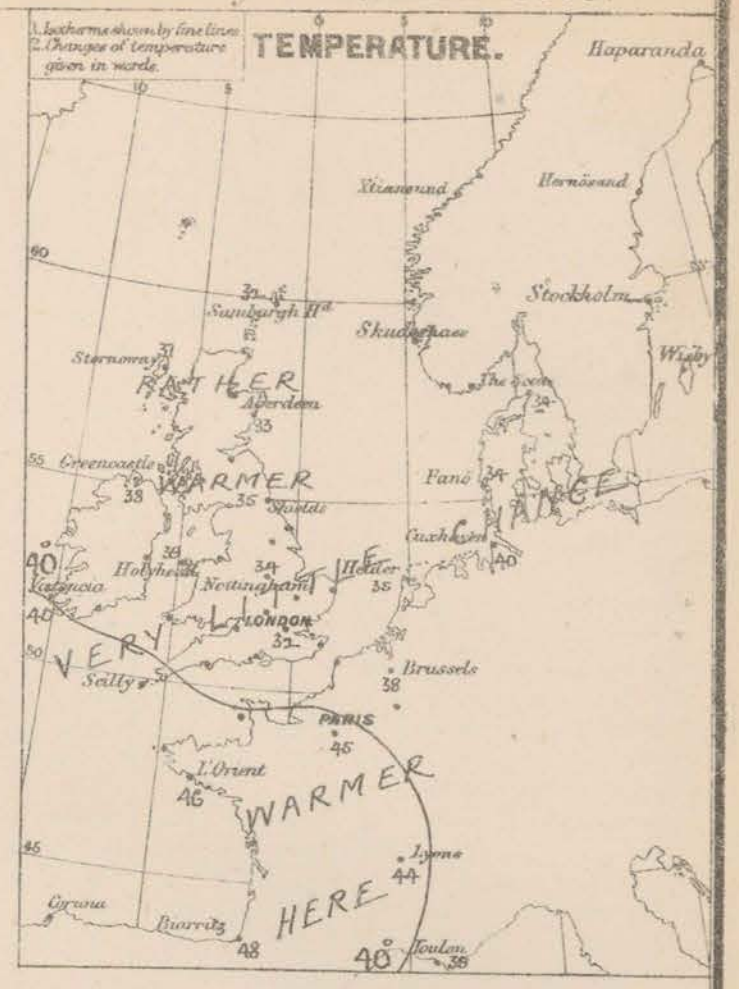
* AN ASTERISK is inserted in all places for which information is not usually received.

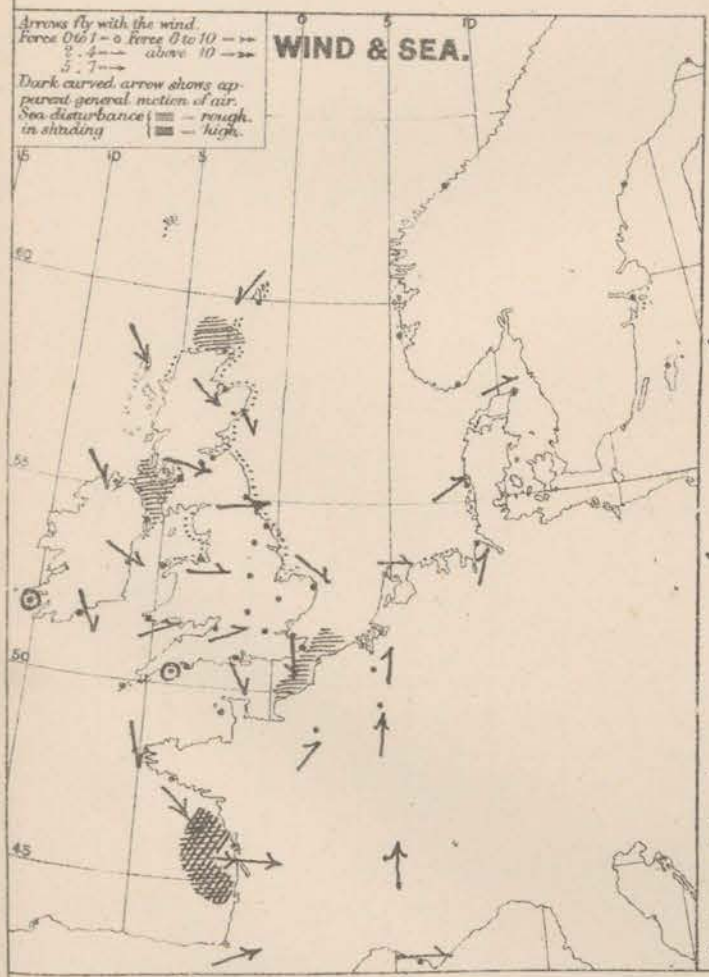
† The evening observations are taken at 6 p.m. in our Islands, at 8 p.m. (Christiania time) in Sweden, Norway, and Denmark, and at 7 p.m. (Paris time) in France.

N.B.—The wind is said to "veer" when its direction changes *with the sun*, and to "back" when it shifts in the opposite direction.

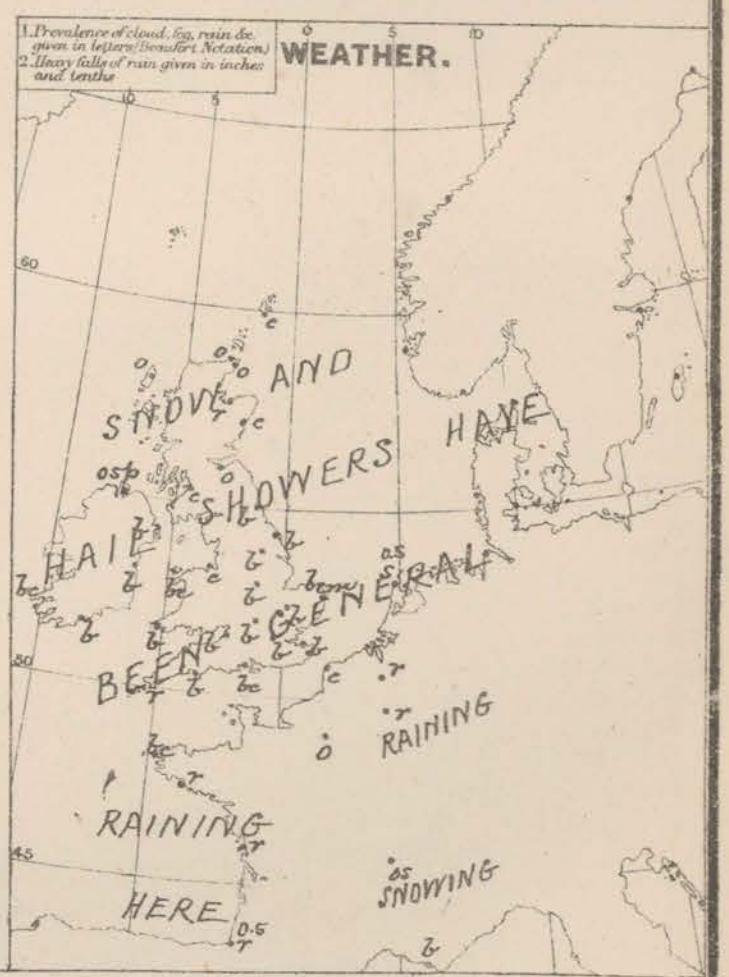
WEATHER CHARTS for 8 a.m. on Monday 1st APRIL. 1878.







A dotted line is drawn round the coasts where the signals are up.



REMARKS. Weather is dull in the N. of our Islands, with rain at Stornoway and snow showers at Greenocastle, but is clear over the greater part of Ireland and England. On the Continent it is very unsettled, rain is falling in the W. of France and in Belgium, and snow at the Helder. Snow and rain showers have fallen in all parts of the Kingdom during the past day. Temperature has risen a little at our N.ern stations, but fallen in the South & W. and is low generally. The readings vary from about 31° on our S.E. coasts to between 33° & 35° in the N. & N.E., and to 39° to 40° on our S.W. coasts. In the W. of France they vary from 45° to 50°. Wind is fresh to strong from N.W. on our N. and N.W. coasts moderate from W. to N.W. in the S. and S.W. fresh from the S.E. in Belgium and the E. of France, while a W. gale is reported at Rochefort. Strong W. to N.W. breezes were felt very generally yesterday, a fresh N.W. gale at Stornoway, and a slight W. gale at Shields early this morning. Sea is now moderate to smooth, except at Rochefort. Barometrical Indications. A depression lies off the E. of Scotland this morning, the readings in its centre, being as low as 28·7. A secondary disturbance passed over England yesterday, and now lies over Belgium, and the barometer is rising a little on our S.W. and S.W. coasts. Warnings. The N. Cone was hoisted in the W., N. and E. yesterday, and have been lowered in the S.W. and S.E.

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Meteorological Office,
116, Victoria Street, Westminster, S.W.

R. H. SCOTT.
Secretary.

DAILY WEATHER REPORT APRIL 2nd 1878.

STATIONS.	† YESTERDAY EVENING. Barometer at 32° F. and Sea Level.	Temp. in shade.	Wind. Direc.	Wind. Force. (0 to 12).	Weather.	8 A.M. TO DAY. Barometer. Reading at 32° F. and Sea Level.	Barometer. Difference from 8 a.m. yesterday.	Shade Temp. Dry.	Shade Temp. Wet.	Shade Temp. Difference from 8 a.m. yesterday.	Wind. Direc.	Wind. Force. (0 to 12).	Weather.	Sea. (0 to 9.)	PAST 24 HOURS. Shade Temp. Max.	Shade Temp. Min.	Amount of Rainfall.
Haparanda ...	29·62	31	Z	0	b	29·50	+ ·18	34	34	− 2	NE	2	r	*	37	30	–
Hernösand ...	? 29·40	29	N	2	b	29·37	+ ·30	32	31	− 3	Z	0	o	*	*	*	–
Stockholm ...	29·44	32	SSW	4	b	29·33	+ ·03	29	29	− 5	Z	0	f	*	*	*	–
Wisby	29·30	32	S	6	b	29·32	− ·03	33	32	− 2	SSW	6	bc	*	*	*	–
Christiansund ...	28·96	37	SSE	2	b	29·09	+ ·28	36	32	+ 4	E	2	bc	2	37	28	0·95
Skudesnaes ...	28·86	37	SE	8	o	28·91	+ ·15	39	33	+ 6	ESE	6	c	4	39	32	–
Oxo (Xtiansand)	29·02	37	SE	6	o	29·00	+ ·09	36	35	+ 3	ESE	4	c	2	37	32	0·08
Skagen (The Skaw)	29·06	39	SSE	5	o	29·08	+ ·04	43	36	+ 9	SSE	5	r	4	?	30	0·08
Fanö	29·02	33	S	1	o	28·98	− ·04	37	36	+ 3	SW	4	r	*	39	32	0·28
Cuxhaven ...	29·02	40	SSW	3	r	29·13	+ ·01	37	37	− 3	SSW	4	bc	*	43	32	0·28
Sumburgh Head	28·81	33	NNE	3	b	28·92	+ ·19	39	35	+ 7	NE	3	bc	4	39	30	0·14
Stornoway	28·88	38	N	2	r	29·00	+ ·16	40	39	+ 3	NNW	3	r	4	40	35	0·20
Thurso	28·85	38	NNE	3	o	28·91	+ ·15	39	38	+ 6	NNW	5	bc	5	42	32	0·09
Wick	28·87	35	NW	2	o	28·93	+ ·18	36	35	+ 1	N	1	b	0	38	25	0·09
Nairn	28·88	?	Z	0	o	28·94	+ ·16	37	35	+ 3	NW	3	b	2	37	30	0·28
Aberdeen ...	28·83	35	NW	2	s	28·90	+ ·17	36	34	+ 3	NW	3	b	2	37	28	0·02
Leith	28·87	34	E	3	s	28·94	+ ·12	38	37	+ 2	NNW	2	bc	*	44	30	0·40
Shields	28·85	42	W	5	o	28·98	+ ·06	33	33	− 2	WSW	1	m	2	44	31	0·13
Scarborough ..	28·93	40	W	3	o	29·00	+ ·01	35	35	− 1	WSW	1	s	2	45	34	0·21
York	28·99	40	W	2	o	29·04	+ ·01	41	39	+ 6	W	2	o	*	45	33	0·05
Nottingham ...	29·10	39	WSW	5	c	29·14	+ ·02	42	39	+ 8	W	5	o	*	48	34	0·01
Ardrossan ...	28·93	42	W	5	r	29·00	+ ·06	43	38	+ 3	NW	5	o	4	44	36	0·12
Greencastle ...	29·07	40	NW	3	oqr	29·13	+ ·06	40	39	+ 2	WNW	3	o	*	46	36	0·46
Donaghadee ...	29·07	39	N	6	bc.	29·13	+ ·05	40	38	+ 6	W	5	bc	4	43	34	0·03
Kingstown ...	29·19	44	NW	5	bc	29·26	+ ·03	39	36	+ 4	WNW	5	b	5	44	34	0·01
Holyhead ...	29·16	43	W	3	o	29·21	+ ·04	41	39	+ 2	W	6	c	5	46	38	–
Liverpool (Hoylake)	29·07	41	W	5	c	29·14	+ ·04	41	39	+ 3	W	6	o	4	45	37	–
Valencia	29·37	46	NW	3	bc	29·45	+ ·10	45	42	+ 5	W	4	bc	5	50	39	0·46
Roche's Point...	29·34	44	NNW	4	bc	29·41	+ ·07	41	38	+ 4	WNW	4	b	3	47	36	–
Pembroke ...	29·26	44	W	7	bcq	29·34	+ ·08	43	39	+ 4	WNW	4	b	3	44	34	0·11
Portishead ...	29·24	43	WSW	6	bc	29·29	+ ·08	40	38	+ 4	WSW	4	bm	4	48	33	–
Scilly																	
Plymouth ...	29·33	44	WNW	2	b	29·35	+ ·08	43	41	+ 4	WNW	1	bc	*	55	35	0·01
Hurst Castle ...	29·27	40	NW	6	b	29·32	+ ·12	42	40	+ 8	W	4	b	4	48	33	–
Dover	29·23	38	W	4	c	29·27	+ ·09	40	37	+ 8	W	4	b	4	43	31	0·12
London	29·20	45	WNW	3	c	29·27	+ ·12	39	36	+ 7	W	4	b	*	47	32	0·01
Oxford	*	*	*	*	*	29·27	+ ·09	39	37	+ 7	W	2	b	*	45	32	–
Cambridge ...	29·15	38	SW	2	c	29·19	+ ·07	39	37	+ 10	SW	2	c	*	48	29	–
Yarmouth ...	29·09	42	W	4	bm	29·13	+ ·04	40	37	+ 9	W	5	cq	3	44	? 30	0·01
The Helder ...	*	*	*	*	*	29·08	+ ·02	41	39	+ 6	SW	4	c	*	*	*	–
Cape Gris Nez	29·20	41	W	4	o	29·32	+ ·27	41	39	+ 9	W	5	b	4	43	32	–
Jersey																	
Brest	29·45	?	NW	3	o	29·52	+ ·21	43	39	− 3	NW	4	r	5	48	?	0·12
L'Orient	29·47	46	WNW	4	r	29·56	+ ·22	43	41	− 3	NW	5	r	4	54	36	0·08
Rochefort ...	29·48	52	NW	7	r	29·61	+ ·26	48	45	− 2	WNW	7	o	7	52	36	0·16
Biarritz	29·75	50	SW	6	r	29·89	+ ·22	50	48	+ 2	W	7	r	5	55	43	0·43
Corunna	*	*	*	*	*				*						*	*	*
Brussels	*	*	*	*	*	29·33	+ ·31	36	35	0	SW	5	b	*	42	34	0·28
Charleville ...	*	*	*	*	*	? 29·43	+ ·23	36	*	0	SW	6	b	*	*	*	*
Paris	29·35	43	WNW	4	b	29·45	+ ·35	37	36	− 6	SW	2	c	*	*	*	–
Lyons	*	*	*	*	*	29·68	+ ·10	43	*	− 1	NE	2	o	*	*	*	*
Toulon	29·65	48	WNW	6	r	29·67	− ·01	46	43	+ 7	NW	6	c	6	52	39	0·04

YESTERDAY'S 2 P.M. REPORTS AND REMARKS.

	Bar.	Dry.	Wet.	Wind.		Wea.	Sea.		Bar.	Dry.	Wet.	Wind.		Wea.	Sea.
Skudesnaes ...	28·81	39	36	SE	8	o	7	Valencia	29·34	47	43	WNW	2	bcp	3
Thurso	28·80	39	37	NNE	2	o	4	Scilly							
Scarborough ...	28·93	44	40	WNW	4	bc	3	London	29·16	44	40	W	3	cpr	*
Greencastle ...	29·04	44	40	NW	4	ohq	*	Rochefort ...	29·42	50	48	WNW	8	r	6
Holyhead	29·15	45	40	WNW	6	b	5								

No important change.

EXPLANATION OF COLUMNS.

WEATHER.—*Beaufort Scale* is, b. blue sky, c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly threatening; v. visibility, unusual transparency; w. dew.

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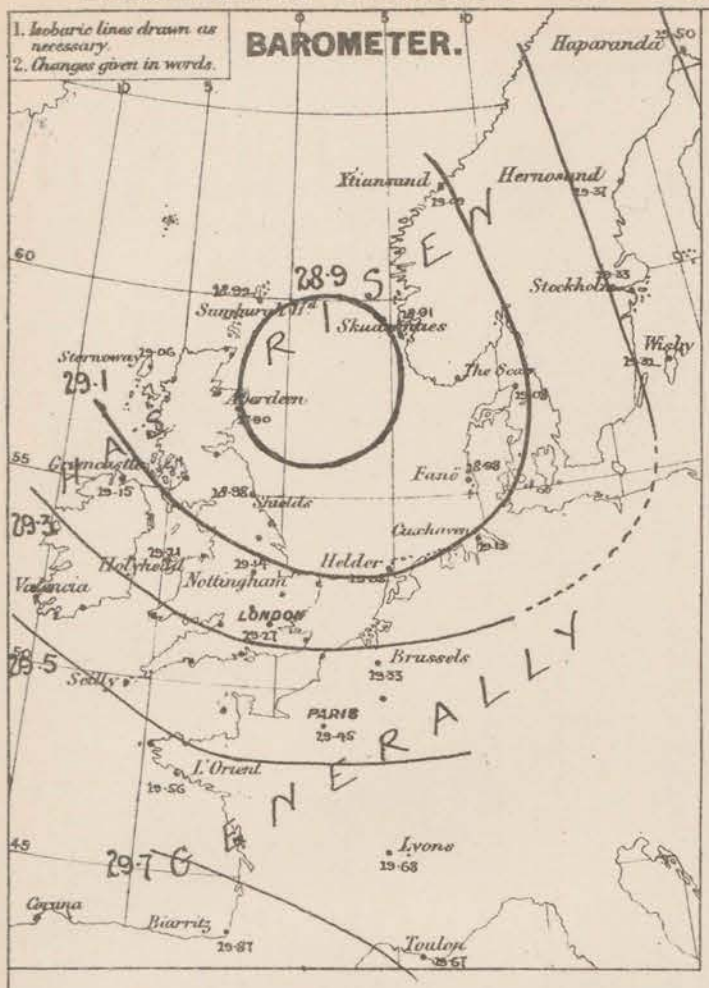
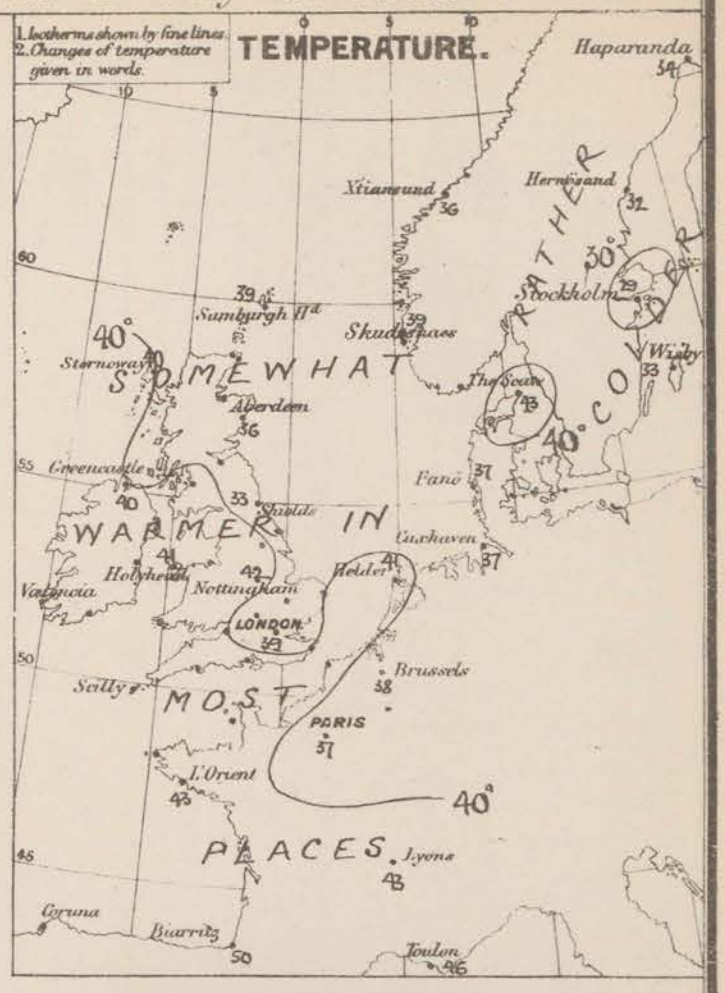
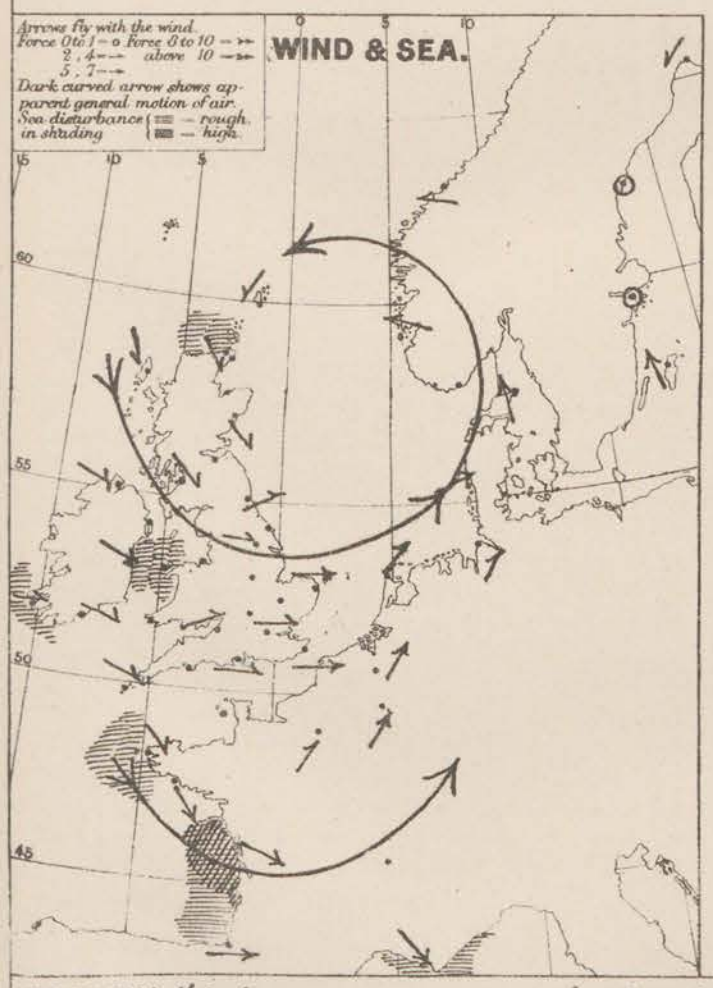
† The evening observations are taken at 6 p.m. in our Islands, at 8 p.m. (Christiania time) in Sweden, Norway, and Denmark, and at 7 p.m. (Paris time) in France.

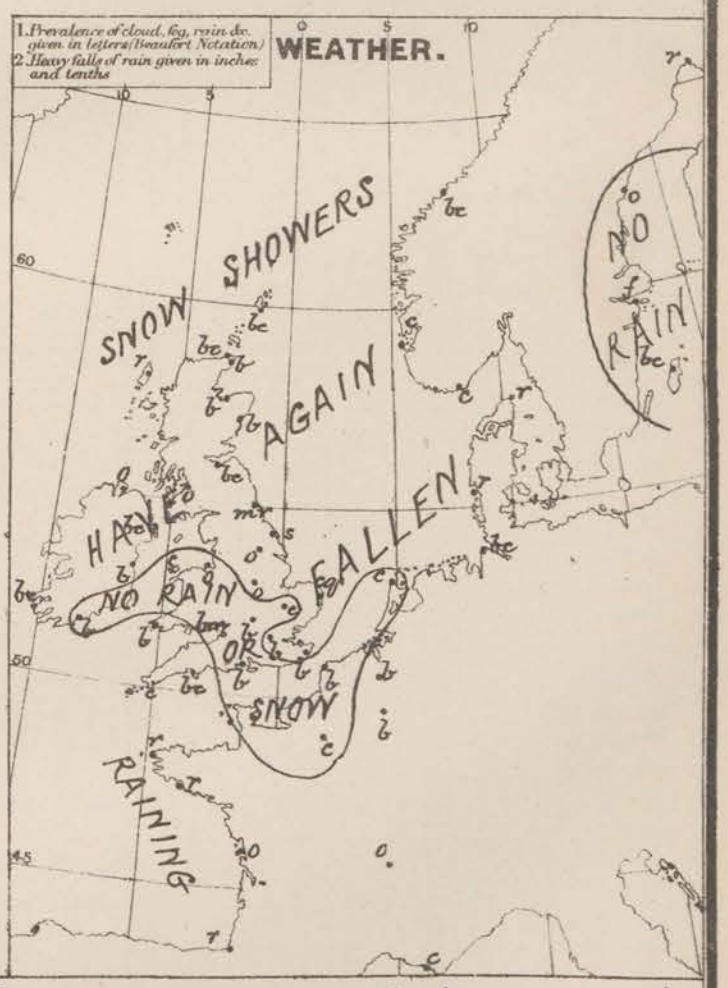
N.B.—The wind is said to "veer" when its direction changes *with the sun*, and to "back" when it shifts in the opposite direction.

WEATHER CHARTS for 8 a.m. on Tuesday 2nd April 1878.









REMARKS. Weather is more fine and nearly the whole of our Islands, but on our NW. coasts the sky is overcast, with rain at Stornoway. In the W. of France and in Denmark the weather is dull and wet. Showers of snow again fell in nearly all parts of the United Kingdom yesterday. Temperature has risen a few degrees in most places, but is still low for the time of year. It varies from 43° to 45° off our SW. coasts, to 33° to 35° at our NE. stations, and is not much lower than this even on the Lowlands coasts. Wind is moderate from NW in Scotland, from W in Ireland and England (but strong in N. Wales), from SW in Holland and from SE in Norway. In the Bay of Biscay a strong NW. to W. breeze is reported. Sea is rather rough in the W. and SW. moderate elsewhere.

Barometrical indications. The centre of a well formed depression still lies between the Scotch and Norwegian coasts, but the subsidiary disturbances noted yesterday have disappeared. The barometer is rising generally, most in the N.

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Meteorological Office,
116, Victoria Street, Westminster, S.W.

R. H. SCOTT.
Secretary.

Dampenfield Lith. 22 Bedford St. Covent Gdn.

DAILY WEATHER REPORT APRIL 3RD 1878.

STATIONS.	† YESTERDAY EVENING. Barometer at 32° F. and Sea Level.	Temp. in shade.	Wind. Direc.	Wind. Force. (0 to 12).	Weather.	8 A.M. TO DAY. Barometer. Reading at 32° F. and Sea Level.	Barometer. Difference from 8 a.m. yesterday.	Shade Temp. Dry.	Shade Temp. Wet.	Shade Temp. Difference from 8 a.m. yesterday.	Wind. Direc.	Wind. Force. (0 to 12).	Weather.	Sea. (0 to 9.)	PAST 24 HOURS. Shade Temp. Max.	Shade Temp. Min.	Amount of Rainfall.
Haparanda ...	29.57	35	SE	6	r	29.51	+ .31	33	32	− 1	SE	2	bc	*	37	30	0.20
Hernösand ...	29.50	31	ESE	4	bc	29.56	+ .19	33	33	+ 1	ESE	4	o	*	*	*	0.20
Stockholm ...	~~29.~~42	36	SE	6	r	29.56	+ .23	39	37	+ 10	SSE	4	b	*	*	*	0.04
Wisby	29.38	38	S	8	o	29.55	+ .23	40	37	+ 7	S	8	b	*	*	*	0.08
Christiansund ...	29.49	34	SSE	1	b	29.26	+ .17	37	33	+ 1	SE	2	b	2	46	28	—
Skudesnaes ...	29.49	41	ENE	4	o	29.30	+ .39	38	36	− 1	SSW	2	r	2	43	39	—
Oxö (Christiansand)	29.09	37	SE	6	m	29.25	+ .25	33	33	− 3	WSW	2	c	3	37	32	—
Skagen (The Skaw)	29.19	39	SSE	4	r	29.32	+ .24	34	32	− 9	WSW	4	r	3	43	28	0.20
Fanö	29.18	34	WSW	1	c	29.26	+ .28	39	37	+ 2	WSW	6	c	*	41	32	0.24
Cuxhaven ...	29.21	40	SW	6	r	29.45	+ .32	41	40	+ 4	W	5	o	*	43	36	0.42
Sumburgh Head	29.16	40	NE	2	o	29.29	+ .37	40	38	+ 1	N	1	bc	3	41	32	—
Stornoway	29.17	40	NNW	1	o	29.30	+ .30	39	37	− 1	N	1	b	1	42	35	0.20
Thurso	29.16	43	N	3	c	29.31	+ .40	36	36	− 3	S	1	cf	3	45	30	—
Wick	29.20	39	NNW	3	r	29.33	+ .40	38	37	+ 2	NW	1	bc	1	46	31	0.11
Nairn	29.29	40	NW	1	b	29.33	+ .39	35	34	− 2	Z	0	b	0	44	32	—
Aberdeen ...	?	40	N	3	b	29.32	+ .42	37	35	+ 1	NNW	1	b	1	42	34	0.08
Leith	29.15	43	NW	1	c	29.32	+ .38	39	38	+ 1	WSW	1	cm	*	50	34	0.01
Shields	29.15	42	N	1	r	29.37	+ .39	38	37	+ 5	N	2	cm	2	47	32	0.17
Scarborough ..	29.18	42	NNW	2	r	29.39	+ .39	44	41	+ 9	WSW	2	b	3	49	34	0.23
York	29.20	45	W	4	bc	29.42	+ .38	40	38	− 1	SW	1	b	*	49	37	—
Nottingham ...	29.31	44	WNW	4	c	29.46	+ .32	43	40	+ 1	S	2	b	*	57	32	—
Ardrossan ...	29.18	45	NW	4	o	29.33	+ .33	42	40	− 1	N	2	o	2	49	41	0.02
Greencastle ...	29.26	43	WNW	3	o	29.33	+ .20	38	37	− 2	SSW	2	c	*	47	32	0.25
Donaghadee ...	29.30	42	WNW	4	bc	29.37	+ .24	37	36	− 3	WNW	4	b	2	48	32	0.01
Kingstown ...	29.38	45	WNW	4	bc	29.41	+ .15	41	38	+ 2	W	3	c	3	47	38	0.01
Holyhead ...	29.35	45	W	5	bc	29.40	+ .19	43	41	+ 2	SW	3	c	2	49	40	—
Liverpool (Hoylake)	29.30	43	W	5	o	29.41	+ .27	41	39	0	S	1	c	1	45	37	—
Valencia	29.54	45	WNW	3	bcp	29.48	+ .03	39	38	− 6	W	3	cp	4	52	38	0.13
Roche's Point...	29.57	44	NW	5	c	29.45	+ .04	42	39	+ 1	W	3	b	3	49	39	0.15
Pembroke ...	29.46	46	W	6	b	29.48	+ .14	41	39	− 2	W	1	ob	4	47	40	0.07
Portishead ...	29.43	44	WSW	5	c	29.49	+ .20	44	43	+ 4	SSW	3	o	3	48	37	0.07
Scilly																	
Plymouth ...	29.54	48	WNW	3	c	29.52	+ .17	43	42	0	SSW	1	or	*	56	42	0.24
Hurst Castle ...	29.46	48	NW	5	b	29.55	+ .23	45	44	+ 3	SW	4	r	5	55	40	0.02
Dover	29.40	44	W	4	b	29.60	+ .33	43	42	+ 3	WSW	2	c	2	48	37	—
London	29.39	47	W	3	po	29.54	+ .27	41	40	+ 2	S	3	or	*	51	36	0.01
Oxford	*	*	*	*	*	29.52	+ .25	40	39	+ 1	SW	1	o	*	49	35	—
Cambridge ...	29.37	44	W	2	c	29.52	+ .33	41	40	+ 2	SW	1	c	*	50	31	—
Yarmouth ...	29.26	46	W	4	c	29.52	+ .39	43	40	+ 3	WSW	3	bm	2	47	35	—
The Helder ...	*	*	*	*	*	29.57	+ .43	42	41	+ 1	SW	2	r	*	*	*	0.12
Cape Gris Nez	29.41	43	W	5	r	29.61	+ .29	43	43	+ 2	WSW	5	o	4	46	39	0.20
Jersey																	
Brest	29.71	?			bc	29.69	+ .17	50	48	+ 7	W	5	m	5	50	?	0.20
L'Orient	29.74	46	WNW	5	r	29.76	+ .20	50	48	+ 7	W	5	m	4	52	37	0.08
Rochefort ...	29.79	52	WNW	6	o	29.90	+ .29	53	50	+ 2	SW	5	o	4	54	39	0.08
Biarritz	29.98	52	WSW	4	c	30.02	+ .15	54	50	+ 4	SE	2	bc	4	54	46	0.08
Corunna	*	*	*	*	*				*						*	*	*
Brussels	*	*	*	*	*	29.70	+ .37	42	41	+ 4	SW	4	o	*	50	36	
Charleville ...	*	*	*	*	*	? 29.77	+ .34	37	*	+ 1	SSW	6	o	*	*	*	*
Paris	29.55	44	WNW	3	bc	29.79	+ .34	41	39	+ 4	SW	2	o	*	*	*	—
Lyons	*	*	*	*	*	30.06	+ .38	42	*	− 1	SE	2	c	*	*	*	*
Toulon	29.80	54	NW	6	bc	29.98	+ .31	45	41	− 1	NW	5	bc	6	52	?	—

YESTERDAY'S 2 P.M. REPORTS AND REMARKS.

	Bar.	Dry.	Wet.	Wind.		Wea.	Sea.		Bar.	Dry.	Wet.	Wind.		Wea.	Sea.
Skudesnaes ...	29.04	42	37	ENE	4	c	3	Valencia	29.53	51	45	W	4	bcp	4
Thurso	29.07	47	44	N	4	bc	4	Scilly							
Scarborough ...	29.11	43	41	NNW	5	r	5	London	29.32	49	44	W	3	c	*
Greencastle ...	29.20	45	42	W	3	bo	*	Rochefort ...	29.73	52	48	WNW	7	bc	7
Holyhead	29.30	46	43	W	6	bo	5								

Pressure continues to increase generally — most in the N. The W^ly wind is strong in Wales, and a fresh NW^ly breeze is blowing on our NE. coast with rain.

EXPLANATION OF COLUMNS.

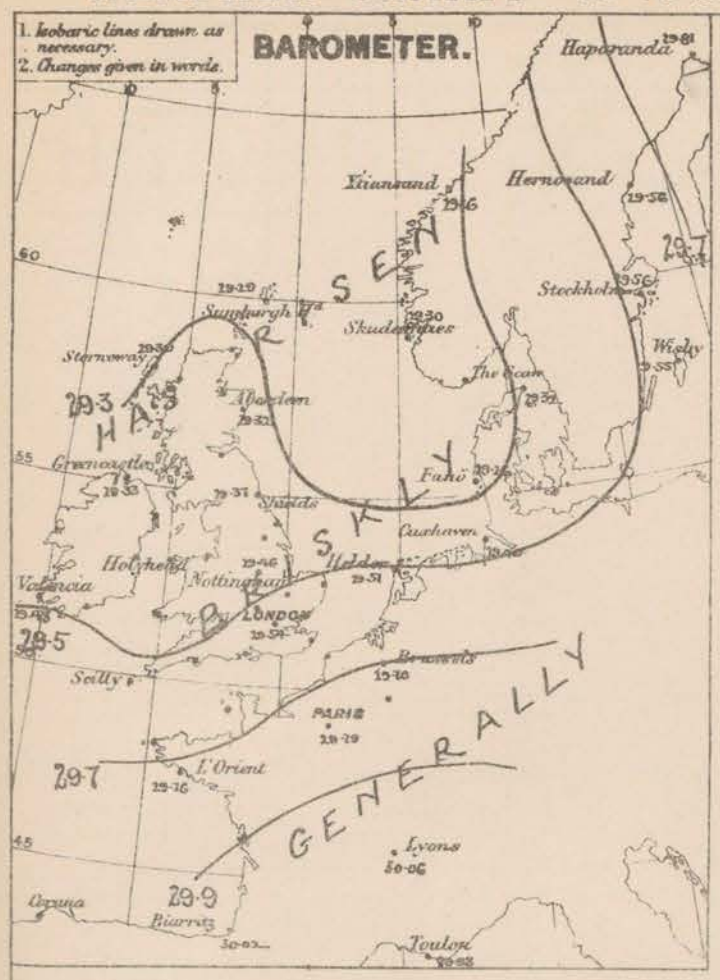
WEATHER.—*Beaufort Scale* is, b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.

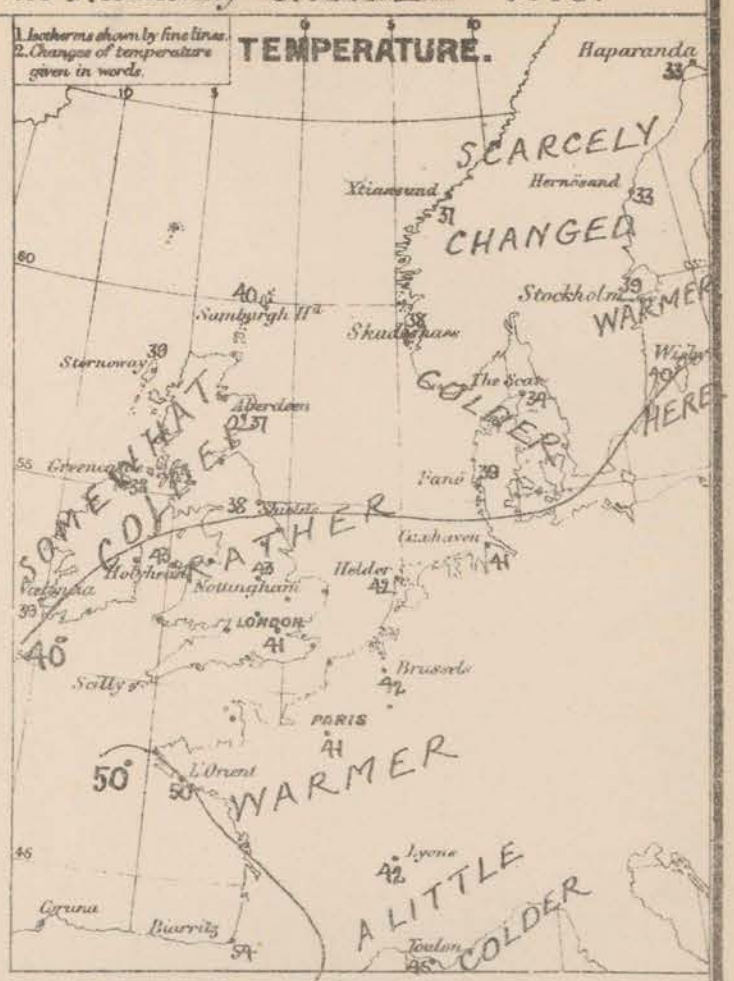
* AN ASTERISK is inserted in all places for which information is not usually received.

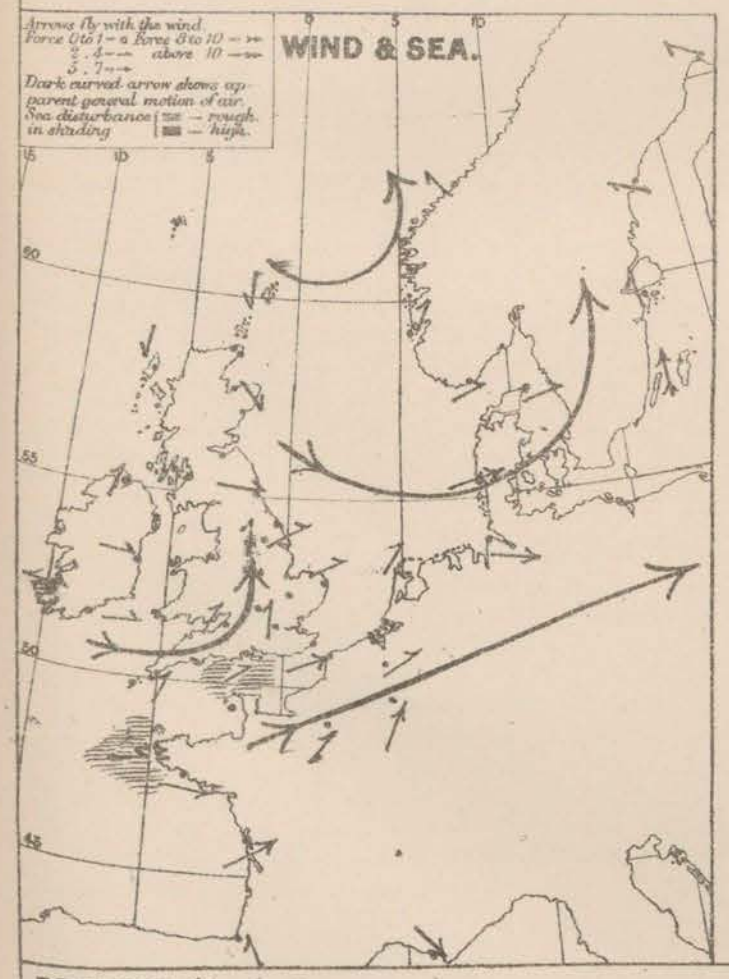
† The evening observations are taken at 6 p.m. in our Islands, at 8 p.m. (Christiania time) in Sweden, Norway, and Denmark, and at 7 p.m. (Paris time) in France.

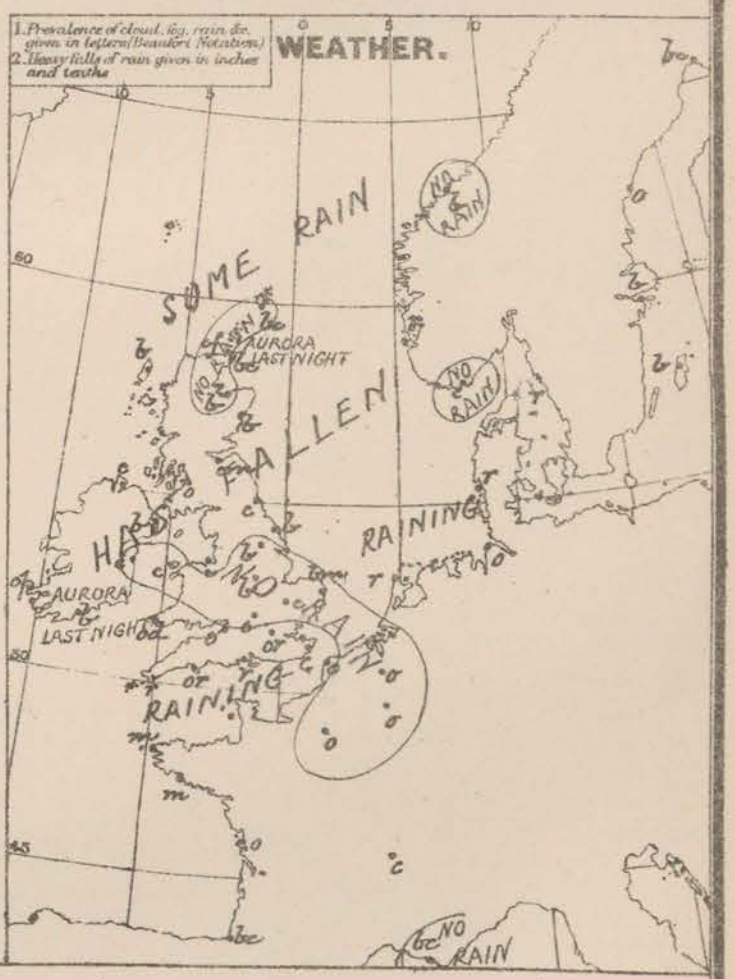
N.B.—The wind is said to "veer" when its direction changes *with the sun*, and to "back" when it shifts in the opposite direction.

WEATHER CHARTS for 8 a.m. on Wednesday 3. April 1878.









REMARKS. Weather has become dull and rather mottled during the past 24 hours, except at our N. and E. stations. Rain is falling in the S. of England, and at the Helder, as well as at the Scaw and Skudesnes. Some rain has fallen at most of our stations since yesterday. Aurora was seen at Rocher's Point and Thurso last night. Temperature has again risen over France and England, but fallen in Ireland and Scotland. It now varies from 50° in the W. of France, to 45° at Hurst Castle and 35° at Nairn. On the Swedish coasts it varies from 33° to 40°. Winds is moderate from W. to SW. at the S. and SE. stations, strong from the same quarter in N. Germany, from S. in the W. part of the Baltic, and moderate from SE. in the Gulf of Bothnia, and at Christiansund in the N. of our Islands the wind is very light and variable. Sea is moderate or slight in most places, but rather rough at Hurst Castle, and apparently near the mouth of the Elbe also.

Barometrical Indications. The depression over the North Sea is being gradually dispersed, and the barometer is rising generally. A shallow depression is over the Bristol Channel, and apparently advancing to the E. causing a temporary fall of the barometer with rain in our S. counties this morning.

Subscription for these Charts payable in advance to cover delivery. Delivery by hand 10/- per quarter, book post 5/- per quarter.

Meteorological Office, 116, Victoria Street, Westminster, S.W.

R. H. SCOTT, Secretary.

DAILY WEATHER REPORT APRIL 4TH 1878.

STATIONS.	† YESTERDAY EVENING. Barometer at 32° F. and Sea Level.	Temp. in shade.	Wind. Direc.	Wind. Force. (0 to 12).	Weather.	8 A.M. TO DAY. Barometer. Reading at 32° F. and Sea Level.	Barometer. Difference from 8 a.m. yesterday.	Shade Temp. Dry.	Shade Temp. Wet.	Shade Temp. Difference from 8 a.m. yesterday.	Wind. Direc.	Wind. Force. (0 to 12).	Weather.	Sea. (0 to 9.)	PAST 24 HOURS. Shade Temp. Max.	Shade Temp. Min.	Amount of Rainfall
Haparanda ...	29.88	31	Z	0	b	29.91	+ .10	29	28	− 4	E	2	o	*	41	23	–
Hernösand ...	29.71	35	SSE	4	o	29.73	+ .17	34	33	+ 1	S	2	f	*	*	*	0.04
Stockholm ...	29.68	37	S	4	bc	29.68	+ .12	39	37	0	SSE	4	o	*	*	*	–
Wisby	29.69	39	SSE	6	b	29.66	+ .11	39	37	− 1	SE	6	o	*	*	*	–
Christiansund ...	29.43	36	W	1	c	29.49	+ .23	37	36	0	SSE	1	c	2	43	32	–
Skudesnaes ...	29.47	36	Z	0	c	29.57	+ .27	39	39	+ 1	ENE	2	c	2	?	36	–
Oxö (Xtiansand)	29.49	38	S	4	f	29.51	+ .26	36	35	+ 3	N	4	c	3	39	?	–
Skagen (The Skaw)	29.56	39	SSW	3	b	29.51	+ .19	39	?	+ 5	ESE	2	o	0	43	28	–
Fanö	29.50	37	S	4	c	29.41	+ .15	38	37	− 1	N	4	c	*	45	36	0.04
Cuxhaven ...	29.64	46	SW	2	o	29.43	− .02	40	40	− 1	NW	5	f	*	?	37	0.40
Sumburgh Head	29.39	39	NW	1	bc	29.54	+ .25	38	36	− 2	W	1	b	2	47	33	0.13
Stornoway	29.42	41	N	2	bc	29.57	+ .27	39	37	0	WSW	1	b	1	43	31	0.02
Thurso	29.42	40	SSE	1	c	29.58	+ .27	37	36	+ 1	S	1	bm	2	50	31	0.01
Wick	29.46	38	SE	1	b	29.61	+ .28	34	32	− 4	W	1	b	0	49	29	–
Nairn	29.43	41	Z	0	b	29.63	+ .30	37	34	+ 2	Z	0	b	1	47	?33	–
Aberdeen ...	29.41	42	E	1	bc	29.63	+ .31	35	34	− 2	NW	1	b	1	45	32	–
Leith	29.38	42	N	1	c	?29.61	+ .29	39	37	0	W	1	o	*	51	35	–
Shields	29.39	41	E	2	o	29.66	+ .29	34	33	− 4	WNW	2	cm	1	47	32	0.01
Scarborough .	29.39	39	NNW	2	f	29.68	+ .29	42	40	− 2	WSW	1	b	1	47	36	0.13
York	29.39	40	W	2	c	29.68	+ .26	35	34	− 5	NNW	2	b	*	47	30	0.11
Nottingham ...	29.44	38	WSW	1	o	?29.74	+ .28	38	37	− 5	SSW	1	b	*	50	29	0.08
Ardrossan ...	29.40	46	WNW	1	bc	29.65	+ .32	42	39	0	WNW	2	bc	2	48	37	0.07
Greencastle ...	29.41	43	NNE	2	bc	29.68	+ .35	39	37	+ 1	SW	2	c	*	45	32	0.12
Donaghadee ...	29.44	43	WSW	3	bc	29.71	+ .34	38	37	+ 1	WSW	3	b	2	45	33	–
Kingstown ...	29.45	44	WNW	4	f	29.76	+ .35	39	36	− 2	WNW	4	b	3	47	36	0.06
Holyhead ...	29.45	44	W	1	c	29.75	+ .35	43	41	0	NW	2	bc	2	49	39	0.14
Liverpool (Hoylake)	29.41	41	W	2	c	29.71	+ .33	42	40	+ 1	W	2	bc	1	45	36	0.03
Valencia	29.63	46	NW	3	bc	29.74	+ .26	43	41	+ 4	SE	4	bc	4	57	35	0.03
Roche's Point...	29.60	45	NW	4	bc	29.78	+ .33	40	38	− 2	W	1	b	2	49	37	0.04
Pembroke ...	29.52	45	WNW	3	bc	29.76	+ .28	43	40	+ 2	NW	1	b	3	46	40	0.06
Portishead ...	29.49	43	WSW	5	o	29.74	+ .25	41	40	− 3	WSW	3	b	3	45	34	0.10
Scilly																	
Plymouth ...	29.55	45	WNW	2	b	29.76	+ .24	40	38	− 3	NE	1	b	*	?	31	0.13
Hurst Castle ...	29.50	45	WNW	3	b	29.75	+ .20	42	41	− 3	WNW	3	b	4	46	36	0.25
Dover	29.46	45	WSW	4	o	29.75	+ .15	44	40	+ 1	WNW	1	b	1	46	35	0.18
London	29.45	45	W	2	c	29.75	+ .21	38	37	− 3	WSW	2	b	*	45	31	0.23
Oxford	*	*	*	*	*	29.77	+ .25	39	37	− 1	Z	0	b	*	44	33	0.11
Cambridge ...	29.45	39	NW	1	f	29.74	+ .22	39	38	− 2	W	1	b	*	47	32	0.14
Yarmouth ...	29.40	41	SSW	1	f	29.68	+ .16	40	39	− 3	WNW	2	bm	2	48	34	0.21
The Helder. ...	*	*	*	*	*	29.59	+ .08	39	39	− 3	WNW	3	f	*	*	*	0.28
Cape Gris Nez	29.46	45	SW	6	o	29.78	+ .17	41	39	− 2	WNW	2	b	2	48	39	0.32
Jersey																	
Brest	29.71	50	WNW	2	f	29.84	+ .15	41	37	− 9	N	2	o	4	52	?	0.32
L'Orient	29.72	50	W	5	f	29.87	+ .11	43	41	− 7	N	2	bc	4	55	41	0.39
Rochefort ...	29.87	52	SW	5	o	29.87	− .03	50	50	0	SW	5	o	4	55	43	0.24
Biarritz	29.90	55	NNE	1	o	29.88	− .14	50	46	− 4	ESE	2	o	3	59	45	–
Corunna	*	*	*	*	*				*						*	*	*
Brussels	*	*	*	*	*	29.75	+ .05	42	39	0	WSW	3	b	*	50	39	0.35
Charleville ...	*	*	*	*	*	?29.74	− .03	41	*	+ 4	W	3	c	*	*	*	*
Paris	29.66	53	SW	7	c	29.80	+ .01	43	42	+ 2	SSW	1	o	*	*	*	0.50
Lyons	*	*	*	*	*	29.93	− .13	55	*	+ 13	S	4	f	*	*	*	*
Toulon	30.05	52	W	4	b	30.06	+ .08	54	46	+ 9	? E	2	f	3	59	45	–

YESTERDAY'S 2 P.M. REPORTS AND REMARKS.

	Bar.	Dry.	Wet.	Wind.		Wea.	Sea.		Bar.	Dry.	Wet.	Wind.		Wea.	Sea.
Skudesnaes ...	29.40	42	39	SW	4	c	3	Valencia	29.57	49	44	NW	3	bc	3
Thurso	29.37	44	42	NNW	1	bc	3	Scilly							
Scarborough ...	29.39	41	40	ESE	1	o	1	London	29.45	45	44	SSW	2	f	*
Greencastle ...	29.26	40	39	SSW	2	o	*	Rochefort ...	29.90	52	52	SW	5	o	4
Holyhead	29.40	48	44	WSW	3	c	2								

The barometer is now rising in the W. and N. but falling in the east, towards which region the secondary depression noticed this morning is travelling slowly

EXPLANATION OF COLUMNS.

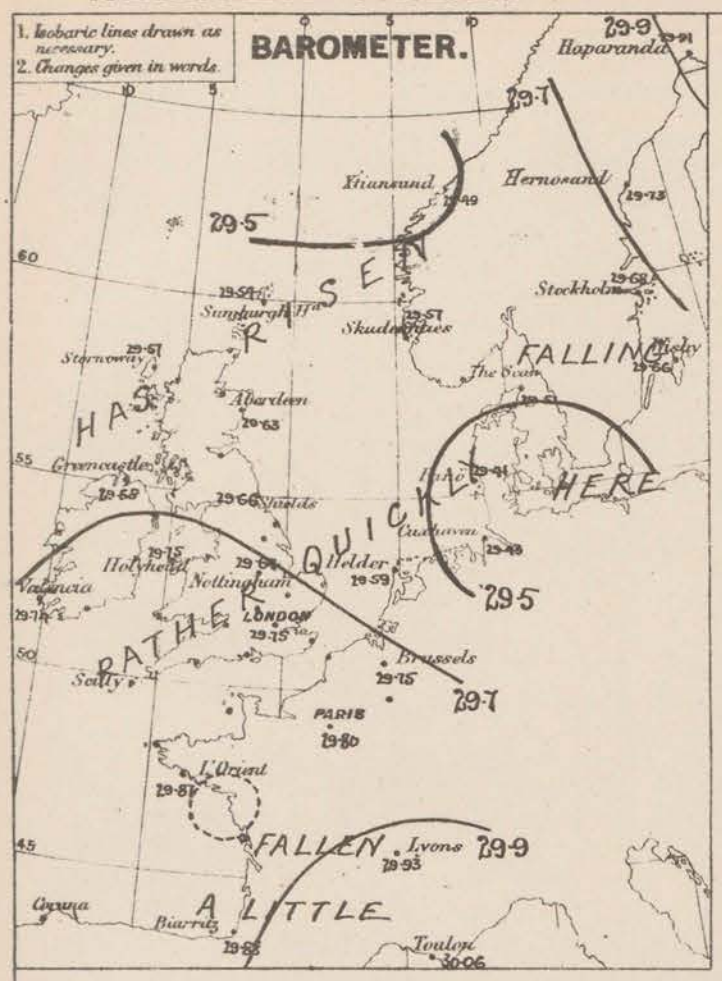
WEATHER.—*Beaufort Scale* is, b. blue sky, c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency w. dew.

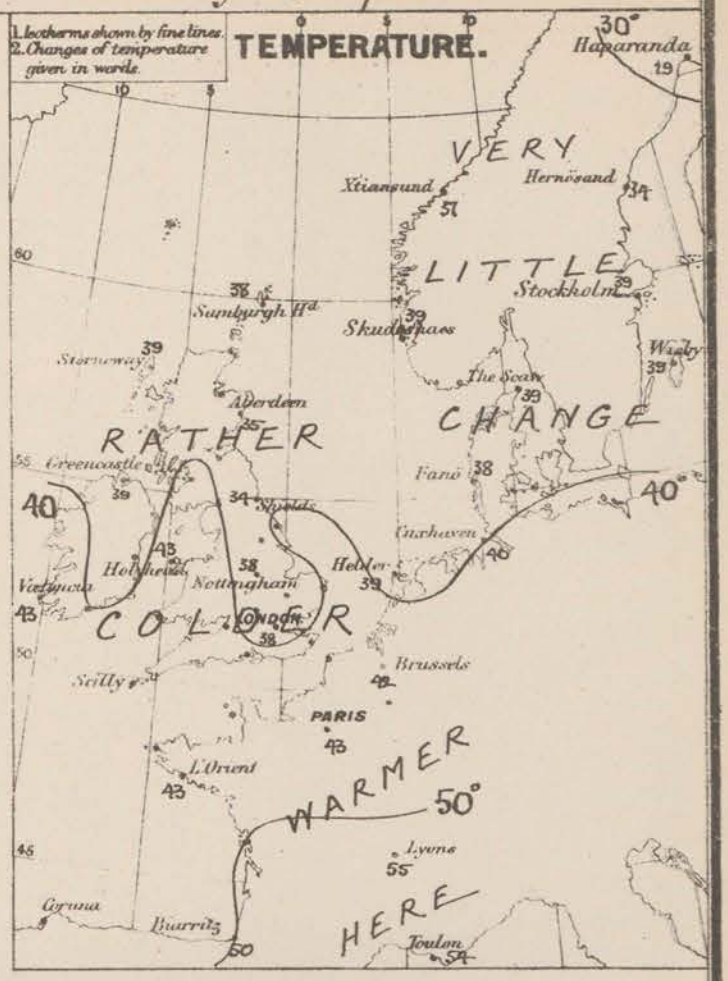
* AN ASTERISK is inserted in all places for which information is not usually received.

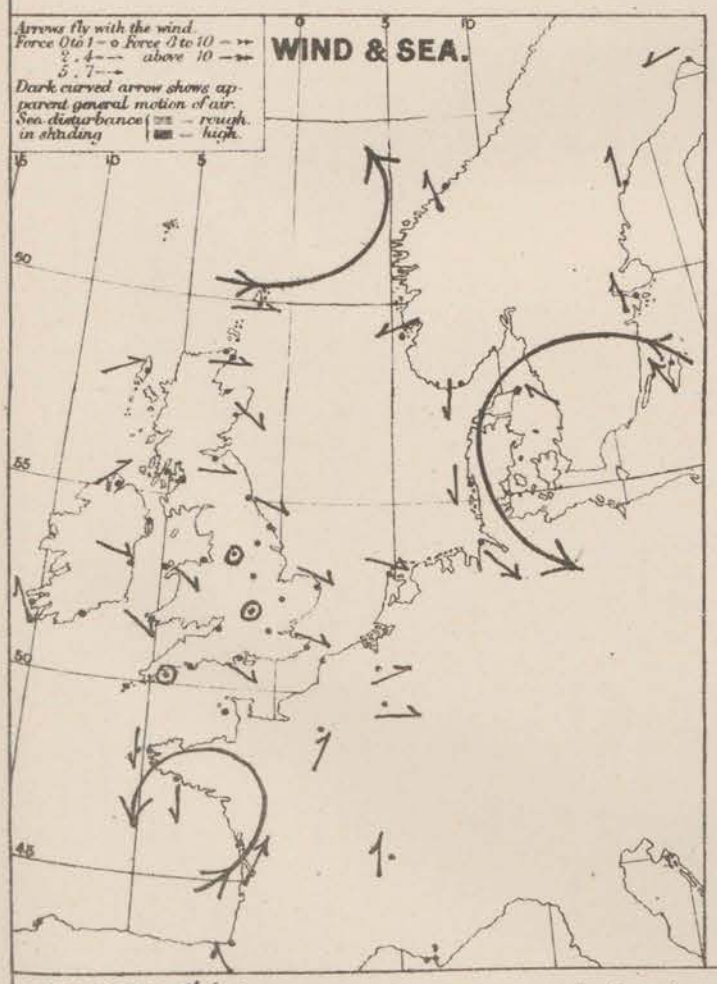
† The evening observations are taken at 6 p.m. (in our Islands, at 8 p.m. (Christiania time) in Sweden, Norway, and Denmark, and at 7 p.m. (Paris time) in France.

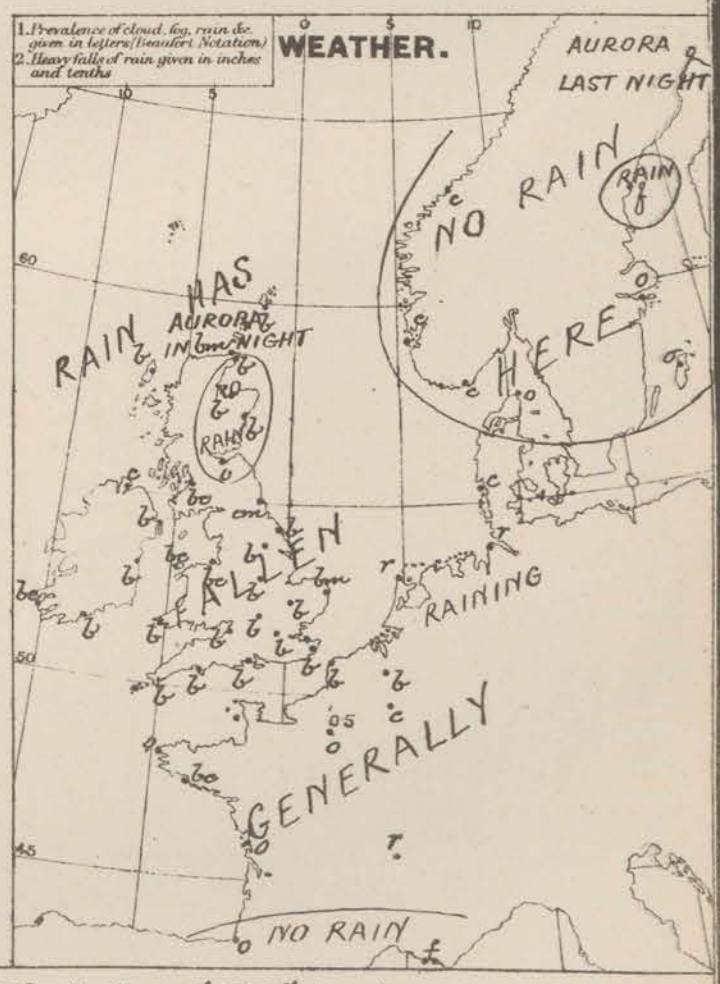
N.B.—The wind is said to "veer" when its direction changes with the sun, and to "back" when it shifts in the opposite direction.

WEATHER CHARTS *for 8 a.m. on Thursday 4 April 1878.*









REMARKS. Weather is at present fine over nearly the whole of W. Europe, but in the S. of France the sky is cloudy, and rain is falling at Lyons and on the SE. shores of the Bay of Biscay. Rain fell yesterday except in the E of Scotland, the fall having been most continuous at the S. and SE. stations. The largest amounts measured were about a quarter of an inch at Kent Castle, London and the Helder, and from 3 to 4 hours in the N of France and at Cuxhaven. Aurora was seen at Thurso and Haparanda last night.

Temperature has decreased on the NW. of France and in England, and is a few degrees below the average in all places. A sharp frost prevailed on the grass over England during the night. Winds varies greatly in different localities, but in our Islands it is chiefly light from the W. At Valentia however, it has backed to SE and is moderate. In the W. of France the winds vary from N to SW. Sea is moderate to smooth.

Barometrical Indications. The barometer has risen generally and rather briskly since yesterday. It is highest (30·1 in.) in the extreme S of France, and lowest off the W. of Norway. A depression lies over Denmark this morning, and the winds in the W. of France point to another very shallow one in the neighbourhood of Nantes. The wind at Valentia, and the behaviour of the barometer there since 10 p.m. seem to indicate the approach of a new depression from the Atlantic.

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Meteorological Office,
116, Victoria Street, Westminster, S.W.

R. H. SCOTT.
Secretary.

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DAILY WEATHER REPORT APRIL 5TH 1878.

STATIONS.	† YESTERDAY EVENING. Barometer at 32° F. and Sea Level.	Temp. in shade.	Wind. Direc.	Wind. Force. (0 to 12).	Weather	8 A.M. TO DAY. Barometer. Reading at 32° F. and Sea Level.	Barometer. Difference from 8 a.m. yesterday.	Shade Temp. Dry.	Shade Temp. Wet.	Shade Temp. Difference from 8 a.m. yesterday.	Wind. Direc.	Wind. Force. (0 to 12).	Weather	Sea. (0 to 9.)	PAST 24 HOURS. Shade Temp. Max.	Shade Temp. Min.	Amount of Rainfall.
Haparanda ...	29.94	31	SE	2	b	29.53	− .08	34	33	+ 5	SE	2	s	*	39	28	–
Hernösand ...	29.76	33	SE	2	s	29.55	− .18	33	33	− 1	ENE	2	s	*	*	*	0.63
Stockholm ...	29.45	36	ESE	4	f	29.57	− .11	35	34	− 4	SW	4	o	*	*	*	0.28
Wisby	29.44	40	SW	6	f	29.71	+ .08	37	36	− 2	WSW	8	b	*	*	*	0.32
Christiansund ...	29.58	27	SW	2	o	29.66	+ .17	37	36	0	SW	2	o	?	?	?	0.12
Skudesnaes ...	29.70	36	WNW	2	bc	29.78	+ .21	42	42	+ 3	W	2	c	2	43	36	–
Oxö (Christiansand)	29.64	40	WSW	2	bc	29.76	+ .25	? 35	30	− 1	W	2	b	1	43	32	–
Skagen (The Skaw)	29.66	39	SE	3	bc	29.72	+ .14	39	36	0	WNW	3	b	2	41	30	–
Fanö	29.78	39	W	2	bo	29.86	+ .05	39	39	+ 1	WSW	1	c	*	43	34	–
Cuxhaven ...	29.84	44	NW	2	c	29.90	+ .07	39	39	− 1	N	0	f	*	45	37	–
Sumburgh Head	29.64	42	SW	3	b	29.74	+ .23	41	39	+ 3	WNW	1	c	1	47	36	–
Stornoway	29.69	42	NNW	1	b	29.78	+ .21	39	37	0	N	0	b	0	45	32	–
Thurso	29.68	48	NNW	1	c	29.77	+ .19	39	39	+ 2	S	1	bm	2	52	35	0.01
Wick	29.71	38	NW	1	b	29.79	+ .18	33	32	− 1	N	1	b	0	50	30	–
Nairn	29.70	44	N	0	b	29.80	+ .18	36	34	− 1	N	0	b	1	47	34	–
Aberdeen ...	29.71	42	S	1	bo	29.79	+ .16	37	35	+ 2	NW	2	b	1	45	32	–
Leith	29.71	42	W	1	c	29.79	+ .18	37	36	− 2	W	1	bc	*	46	30	0.08
Shields	29.72	48	WNW	2	bo	29.80	+ .16	38	34	+ 2	WNW	2	bm	0	49	32	–
Scarborough .	29.76	42	ESE	1	b	29.80	+ .12	42	40	0	N	1	c	2	49	36	0.06
York	29.76	48	W	1	b	29.80	+ .18	38	36	+ 3	NNW	1	b	*	53	32	0.12
Nottingham ...	29.79	47	SSW	2	bo	29.83	+ .09	39	38	+ 1	SW	1	o	*	58	31	–
Ardrossan ...	29.73	45	SW	2	bc	29.83	+ .16	38	36	− 4	NE	1	b	1	48	33	–
Greencastle ...	29.74	44	SSE	2	b	29.82	+ .14	40	39	+ 1	SW	1	c	*	42	32	–
Donaghadee ...	29.74	45	SSW	2	b	29.82	+ .11	40	40	+ 2	WSW	2	b	1	49	34	0.16
Kingstown ...	29.76	44	W	3	o	29.83	+ .07	39	37	0	WNW	4	bm	3	47	37	0.11
Holyhead ...	29.79	45	SW	2	b	29.82	+ .07	42	41	− 1	WNW	1	bc	0	38	38	0.19
Liverpool (Bidston)	29.78	46	NNW	1	b	29.81	+ .10	40	39	− 2	NNE	1	o	1	48	38	–
Valencia	29.78	46	W	3	b	29.90	+ .16	47	40	+ 4	NW	1	bo	2	52	39	0.14
Roche's Point...	29.79	42	W	3	c	29.88	+ .10	40	38	0	N	3	b	3	48	35	0.28
Pembroke ...	29.81	47	SSW	2	c	29.84	+ .08	42	39	− 1	W	1	bop	3	48	41	0.24
Portishead ..	29.80	47	SW	3	b	29.84	+ .10	40	40	− 1	SW	3	p	3	52	36	0.05
Scilly																	
Plymouth ..	29.83	41	SW	1	bc	29.88	+ .12	43	42	+ 3	NW	1	b	–	? 50	35	0.05
Hurst Castle ...	29.83	45	SW	3	b	29.84	+ .09	42	41	0	NW	1	bop	3	50	37	0.02
Dover	29.85	43	WSW	2	b	29.82	+ .07	45	43	+ 1	WSW	2	b	1	47	38	–
London	29.82	50	WNW	2	c	29.83	+ .08	42	40	+ 4	SW	2	bo	*	55	45	–
Oxford	*	*	*	*	*	29.84	+ .07	44	39	+ 1	WSW	1	c	0	57	43	–
Cambridge ...	29.82	46	SW	1	bc	29.82	+ .05	41	40	+ 2	SW	1	b	*	55	32	–
Yarmouth ...	29.8.	43	E	0	bm	29.80	+ .12	40	41	+ 3	SW	2	bm	1	46	39	–
The Helder. ...	*	*	*	*	*	29.87	+ .28	37	36	− 2	SE	1	b	*	*	*	0.04
Cape Gris Nez	29.85	45	SSW	1	b	29.85	+ .07	45	45	+ 4	SW	2	b	1	50	37	–
Jersey																	
Brest	29.94	?	NNW	2	b	29.96	+ .12	46	43	+ 5	NNW	2	bc	2	54	?	–
L'Orient	29.90	48	WNW	3	bc	29.95	+ .12	46	43	+ 3	W	1	b	3	54	39	–
Rochefort ...	29.89	54	WSW	6	f	29.93	+ .04	48	46	− 2	NW	4	bc	3	59	43	0.14
Biarritz	29.93	55	WSW	3	o	29.98	+ .10	55	53	+ 5	SE	2	o	3	64	45	–
Coruna	*	*	*	*	*				*						*	*	*
Brussels	*	*	*	*	*	29.87	+ .12	42	40	0	W	1	f	*	57	35	–
Charleville ...	*	*	*	*	*	29.83	+ .09	39	*	− 2	SE	1	b	*	*	*	*
Paris	29.85	50	E	1	bc	29.89	+ .09	44	42	+ 1	NW	1	c	*	*	*	–
Lyons	*	*	*	*	*	29.92	− .01	55	*	0	S	2	f	*	*	*	*
Toulon	30.02	60	E	4	o	30.04	− .02	53	46	− 4	? E	4	o	3	54	48	–

YESTERDAY'S 2 P.M. REPORTS AND REMARKS.

	Bar.	Dry.	Wet.	Wind		Wea.	Sea.		Bar.	Dry	Wet.	Wind.		Wea.	Sea.
Skudesnaes ...	29.66	42	39	NW	4	b	2	Valencia	29.75	51	45	WNW	3	bop	4
Thurso	29.66	50	45	SW	1	b	2	Scilly							
Scarborough ...	29.75	43	41	E	0	bc	1	London	29.80	53	45	SW	2	o	*
Greencastle ...	29.71	49	44	S	2	c	*	Rochefort ...	29.87	54	52	WSW	5	f	4
Holyhead	29.79	47	44	W	2	b	1								

No important change.

EXPLANATION OF COLUMNS.

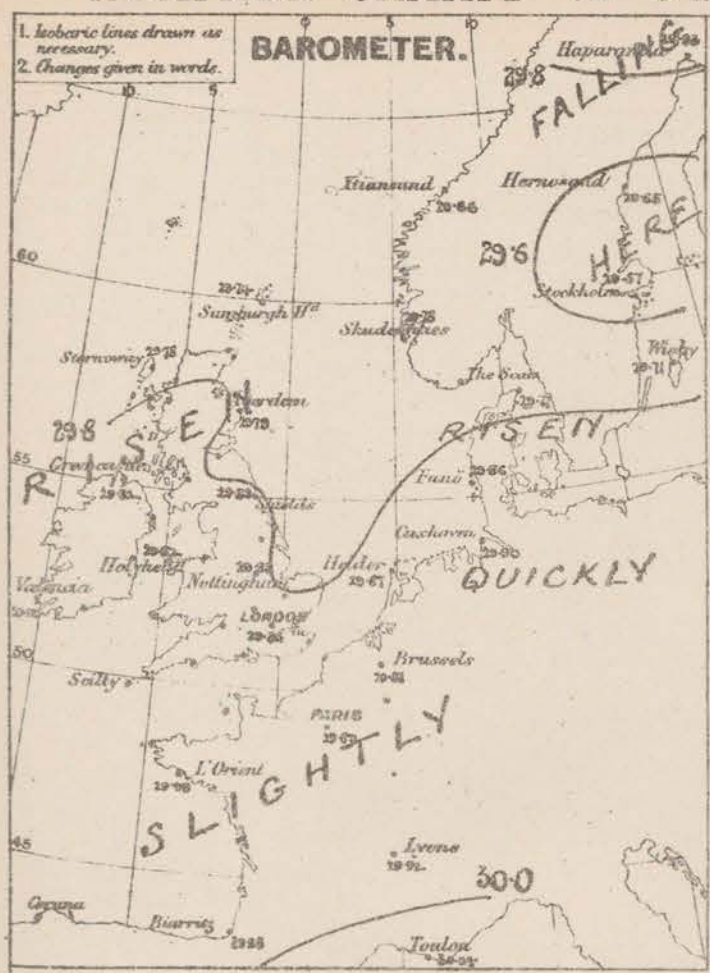
WEATHER.—*Beaufort Scale* is, b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.

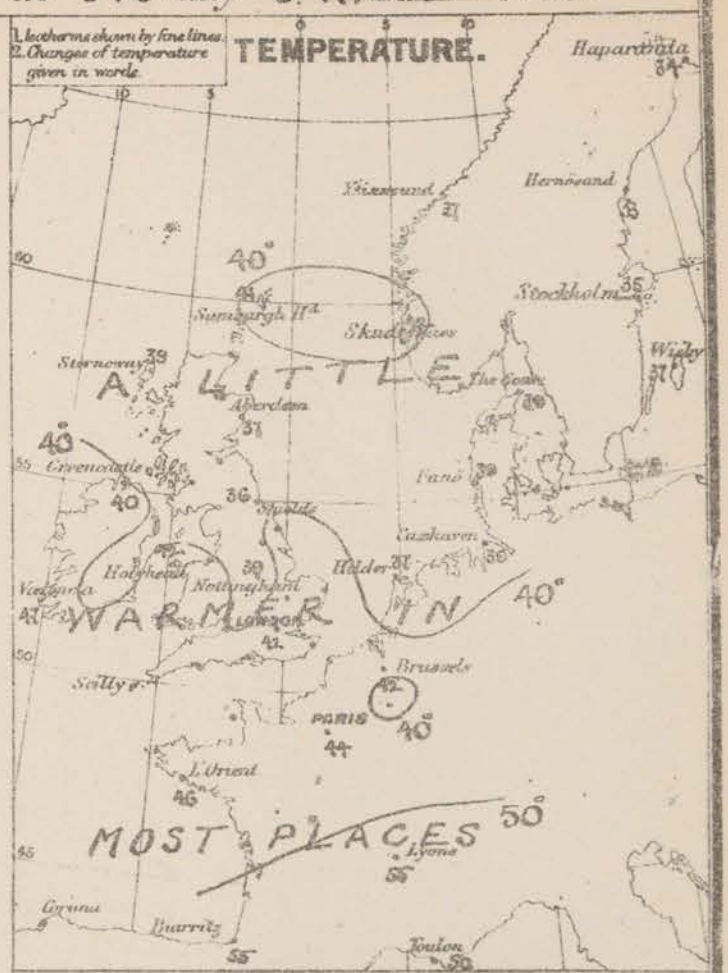
* AN ASTERISK is inserted in all places for which information is not usually received.

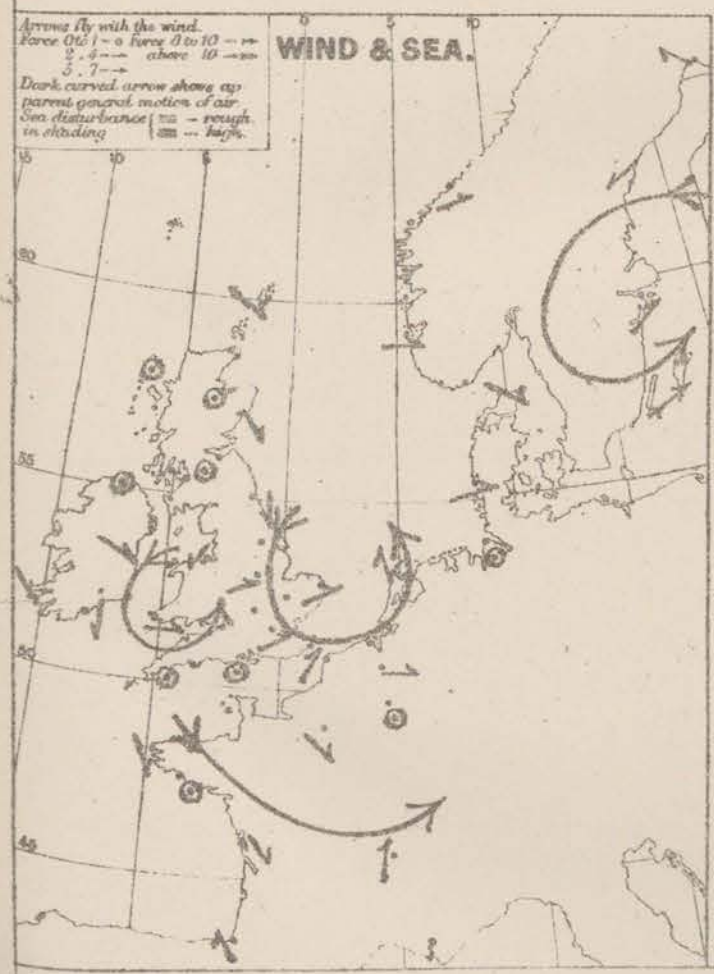
† The evening observations are taken at 6 p.m. in our Islands, at 8 p.m. (Christiania time) in Sweden, Norway, and Denmark, and at 7 p.m. (Paris time) in France.

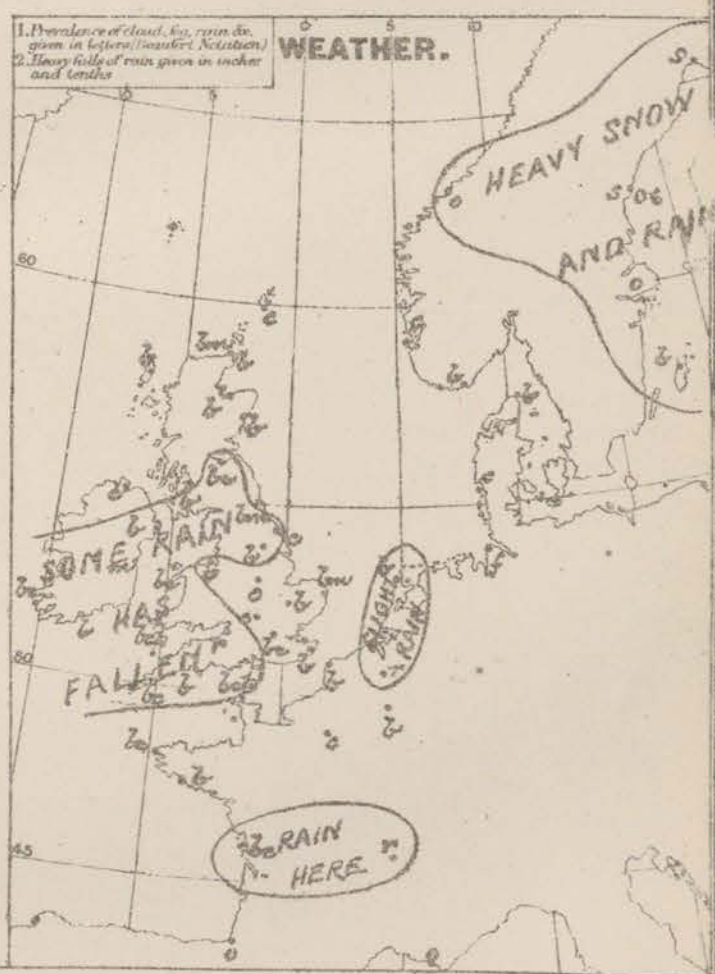
N.B.—The wind is said to "veer" when its direction changes *with the sun*, and to "back" when it shifts in the opposite direction.

WEATHER CHARTS for 8 a.m. on Friday 5 April 1878.









REMARKS. Weather is fine over nearly the whole of the United Kingdom, the W. and N of France and the North Sea, but showers are reported in the Hebrides Channels and at Mount Cenis, rain at Lyons. Squalls of snow, with thunder and lightning were felt at Rockes Point yesterday afternoon, and some rain has fallen at most of the W. stations. A heavy fall of snow has occurred in the N. of Sweden. Temperature is increasing slowly in most places. It is now 47° at Valentia, and 42° to 46° in the S. of England, but is about 36° on the NE. coasts. The readings are therefore still lower than the average for April. Wind is light and extremely variable over nearly the whole of W. Europe, but is strong from WSW off the SE of Sweden, while it is light from E. at Hernösand and Haparanda. Sea is slight in the W. and S. smooth elsewhere.

Barometrical Indications. Barometrical pressure is increasing generally, except in the Gulf of Bothnia, where the centre of a depression is found this morning. Over the British Isles there are usual slight irregularities in the readings this morning, such as usually accompany changeable showery and thundery weather.

Subscription for these Charts payable in advance to cover delivery. Delivery by hand 10/- per quarter, book post 5/- per quarter.

Meteorological Office,
116, Victoria Street, Westminster, S.W.

R. H. SCOTT.
Secretary.

Dangerfield, Lith. 22 Bedford Street, Strand

DAILY WEATHER REPORT APRIL 6TH 1878.

STATIONS.	† YESTERDAY EVENING. Barometer at 32° F. and Sea Level.	Temp. in shade.	Wind. Direc.	Wind. Force. (0 to 12).	Weather.	8 A.M. TO DAY. Barometer. Reading at 32° F. and Sea Level.	Barometer. Difference from 8 a.m. yesterday.	Shade Temp. Dry.	Shade Temp. Wet.	Shade Temp. Difference from 8 a.m. yesterday.	Wind. Direc.	Wind. Force. (0 to 12).	Weather.	Sea. (0 to 9.)	PAST 24 HOURS. Shade Temp. Max.	Shade Temp. Min.	Amount of Rainfall.
Haparanda ...	29.80	35	SE	2	o	29.91	+ .08	33	32	− 1	SW	2	o	*	36	32	0.35
Hernösand ...	29.85	34	Z	o	b	30.08	+ .53	34	33	+ 1	Z	o	b	*	*	*	0.12
Stockholm ...	29.93	38	SW	2	b	30.06	+ .49	37	36	+ 2	Z	o	f	*	*	*	–
Wisby	29.92	39	SSE	6	o	30.01	+ .30	31	31	− 6	SE	6	bc	*	*	*	–
Christiansund ...	29.82	37	SSE	4	c	29.95	+ .29	39	36	+ 2	S	3	b	2	43	30	–
Skudesnaes ...	29.93	39	NSW	1	c	30.04	+ .26	41	40	− 1	Z	o	c	2	45	39	–
Oxö (Xtiansand)	29.91	40	NSW	4	c	30.03	+ .27	32	31	− 3	NNW	4	b	2	43	30	–
Skagen (The Skaw)	29.95	39	Z	o	b	30.04	+ .27	40	39	+ 1	Z	o	c	o	46	34	–
Fanö	29.97	36	N	1	b	30.02	+ .16	40	38	+ 1	ENE	2	bc	*	45	34	–
Cuxhaven ...	29.98	42	NNE	1	b	30.03	+ .13	42	41	+ 3	N	1	b	*	43	37	–
Sumburgh Head	29.85	41	NW	3	b	30.01	+ .27	40	38	− 1	Z	o	b	o	47	35	0.02
Stornoway	29.86	44	NNW	1	b	29.93	+ .15	42	40	+ 3	S	2	b	2	45	33	–
Thurso	29.89	39	W	1	f	29.97	+ .20	35	34	− 4	S	1	b	2	50	33	0.10
Wick	29.92	42	Z	o	b	30.01	+ .22	36	32	+ 3	Z	o	b	o	48	28	–
Nairn	29.89	44	W	1	b	30.00	+ .19	34	32	− 2	Z	o	b	o	49	29	–
Aberdeen ...	29.89	42	Z	o	b	30.03	+ .24	35	32	− 2	WSW	1	b	o	48	30	–
Leith	29.89	44	WSW	2	b	30.02	+ .23	36	35	− 1	Z	o	cm	*	52	28	–
Shields	29.92	42	E	1	bc	30.09	+ .27	37	35	+ 1	W	2	bm	o	45	32	–
Scarborough ..	29.91	43	N	1	b	30.09	+ .29	45	43	+ 3	SSE	1	b	1	46	37	–
York	29.91	46	ESE	1	bc	30.11	+ .30	34	33	− 4	W	1	b	*	51	30	–
Nottingham ...	29.94	44	WNW	1	o	30.13	+ .30	28	28	− 11	Z	o	b	*	51	24	0.01
Ardrossan ...	29.90	48	WNW	2	b	30.03	+ .22	41	39	+ 3	E	2	cm	2	51	35	–
Greencastle ...	29.92	46	E	2	b	30.02	+ .20	42	40	+ 2	SSW	1	b	*	52	34	–
Donaghadee ...	29.94	44	SSW	1	bc	30.05	+ .23	44	43	+ 4	SW	2	b	1	48	36	–
Kingstown ...	29.97	46	SSE	1	b	30.07	+ .24	40	39	+ 1	Z	o	b	1	46	38	–
Holyhead ...	29.96	44	WNW	1	b	30.08	+ .26	43	42	+ 1	SSW	2	b	1	47	39	–
Liverpool (Bidston)	29.94	45	WNW	1	b	30.09	+ .28	33	33	− 7	ESE	1	f	1	56	33	–
Valencia	29.99	49	NW	1	b	30.06	+ .16	44	41	− 3	Z	o	b	1	54	36	–
Roche's Point...	29.98	48	NW	3	c	30.07	+ .19	40	38	o	N	2	bm	3	51	37	–
Pembroke ...	29.97	45	WNW	1	b	30.11	+ .27	41	40	− 1	ENE	1	bm	2	46	37	0.07
Portishead ...	29.94	46	SW	2	bc	30.08	+ .24	38	37	− 2	W	2	b	2	53	32	0.02
Scilly																	
Plymouth ...	30.00	48	NW	1	b	30.10	+ .22	40	39	− 3	Z	o	m	*	54	33	0.04
Hurst Castle ...	29.99	49	W	3	b	30.10	+ .26	41	40	− 1	NW	1	b	2	51	31	–
Dover	29.93	50	WSW	2	bc	30.12	+ .30	43	40	− 2	E	1	bc	o	48	37	0.16
London	29.93	46	WNW	1	b	30.12	+ .29	36	36	− 6	WSW	1	c	*	49	29	0.13
Oxford	*	*	*	*	*	30.13	+ .29	31	31	− 9	Z	o	f	*	50	29	0.02
Cambridge ...	29.94	45	N	1	f	30.13	+ .31	32	31	− 9	SW	1	m	*	50	27	0.07
Yarmouth ...	29.89	41	Z	o	dw	30.16	+ .30	34	34	− 9	WNW	2	f	2	46	31	0.07
The Helder. ...	*	*	*	*	*	30.06	+ .19	42	41	+ 5	WSW	1	b	*	*	*	–
Cape Gris Nez	29.93	43	SW	3	f	30.14	+ .29	43	41	− 2	Z	o	m	o	50	37	0.04
Jersey																	
Brest	30.10	?	NW	2	b	30.10	+ .14	41	39	− 5	E	2	o	3	54	?	–
L'Orient	30.07	50	WNW	3	b	30.10	+ .11	43	41	− 3	E	3	bc	3	55	39	–
Rochefort ...	30.08	? 54	NW	3	b	30.04	+ .11	46	45	− 2	E	3	b	3	57	43	–
Biarritz	30.00	57	NNE	3	c	29.93	− .05	52	50	− 3	ENE	3	o	3	57	48	–
Corunna	*	*	*	*	*				*						*	*	*
Brussels	*	*	*	*	*	30.12	+ .25	38	38	− 4	WNW	1	f	*	57	37	0.04
Charleville ...	*	*	*	*	*	?	?	37	*	− 2	N	3	o	*	*	*	*
Paris	29.99	45	N	1	bc	30.15	+ .26	43	41	− 1	WNW	1	b	*	*	*	0.04
Lyons	*	*	*	*	*	30.13	+ .21	54	*	− 1	N	2	c	*	*	*	*
Toulon	30.02	55	SW	2	b	30.04	.00	55	54	+ 5	Z	o	c	3	63	50	–

YESTERDAY'S 2 P.M. REPORTS AND REMARKS.

	Bar.	Dry.	Wet.	Wind.		Wea.	Sea.		Bar.	Dry.	Wet.	Wind		Wea.	Sea.
Skudesnaes ..	29.88	44	41	WSW	2	bc	2	Valencia	29.97	50	45	NNW	2	bc	3
Thurso	29.84	44	42	E	2	bc	3	Scilly							
Scarborough ...	29.86	45	43	N	1	c	2	London	29.89	44	42	SW	2	thp	*
Greencastle ...	29.88	49	44	E	1	b	*	Rochefort ...	30.03	50	48	NW	3	b	3
Holyhead	29.93	45	43	WNW	2	b	1								

The barometer still rises generally. Smart thunderstorms have passed over London from the W^ds since Noon the wind shifting from SW. to NW. and back, as they did so.

EXPLANATION OF COLUMNS.

WEATHER.—*Beaufort Scale* is, b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency w. dew.

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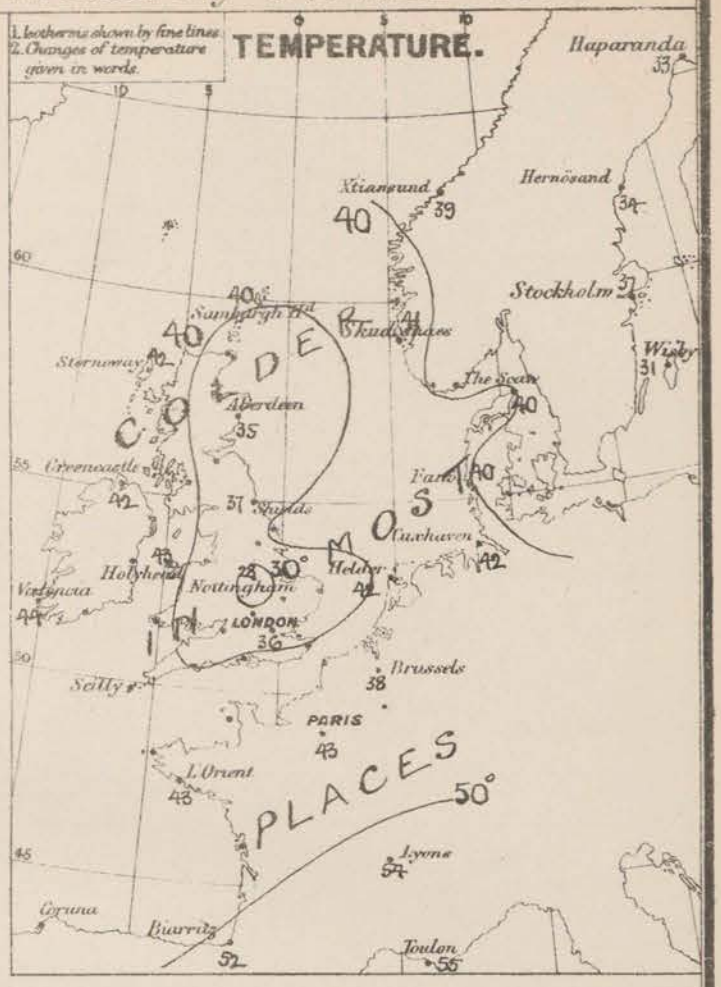
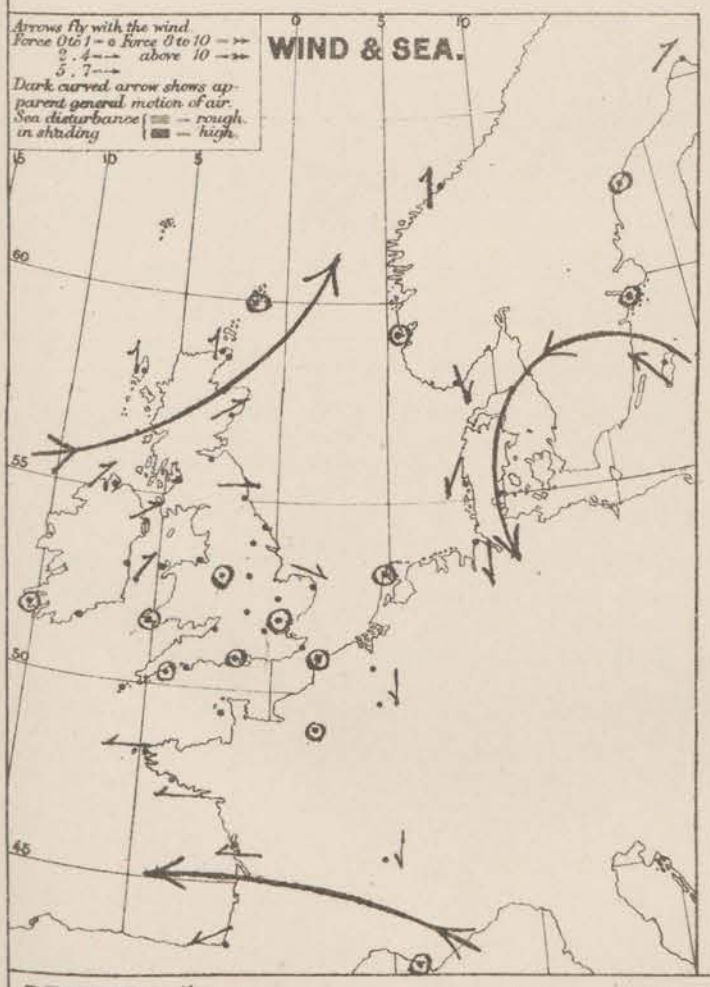
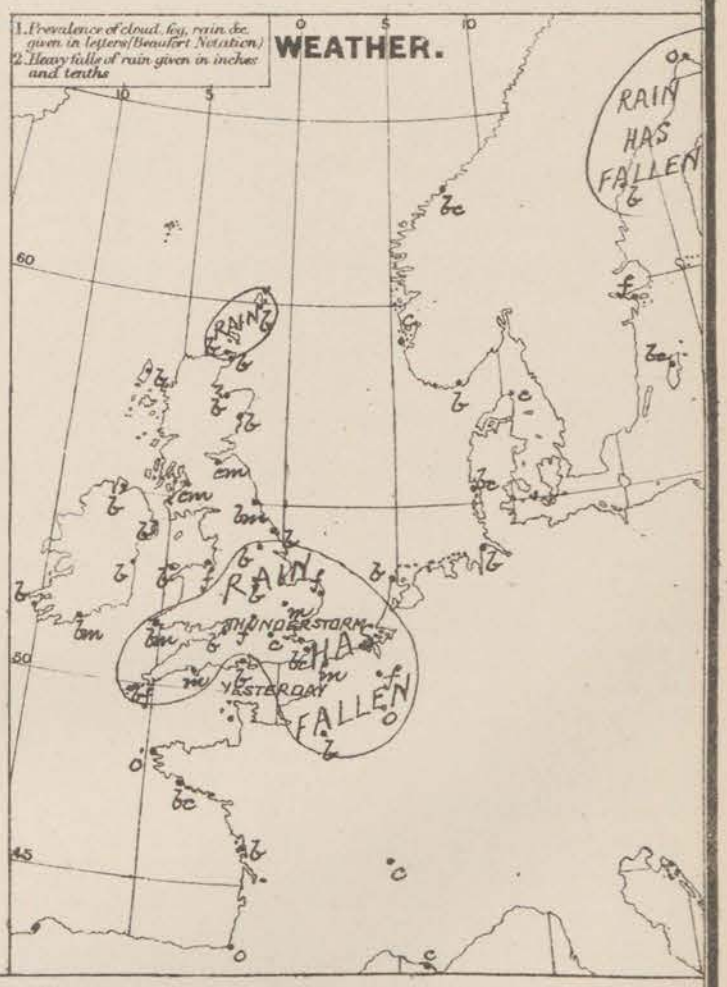
† The evening observations are taken at 6 p.m. in our Islands, at 8 p.m. (Christiania time) in Sweden, Norway, and Denmark, and at 7 p.m. (Paris time) in France.

N.B.—The wind is said to "veer" when its direction changes *with the sun*, and to "back" when it shifts in the opposite direction.

WEATHER CHARTS for 8 a.m. on Saturday 6 April 1878.







REMARKS. Weather is very fine over the United Kingdom this morning, but fog prevails in many places. Rain has fallen in the S. and SE, thunderstorms were experienced over the SE^n counties yesterday. Temperature has decreased in most places, and is lowest over the inland parts of England. The minimum readings recorded in the thermometer screen during the night were 24° at Nottingham, 27° at Cambridge and 29° at Cardiff and London, the readings on the grass being of course, much lower. Wind, variable airs and calms prevail over the United Kingdom and North Sea, but a light E^ly breeze has set in over the Bay of Biscay. Sea is smooth generally.

Barometrical Indications. Barometrical pressure is very uniform over W^n Europe, the readings reported varying from 30.15in. at Paris to 29.93in. at Stornoway and Biarritz. Over the United Kingdom the mercury is still rising but in the SW. of France it is falling a little.

Subscription for these Charts payable in advance to cover delivery. Delivery by hand 10/- per quarter, book post 5/- per quarter.

Meteorological Office,
116, Victoria Street, Westminster, S.W.

R. H. SCOTT.
Secretary.

Dangerfield Lith 22 Bedford St. Covent Garden

SUMMARY OF WEATHER IN WESTERN EUROPE

from MARCH 31st *to* APRIL 6th 1878.

(Issued Weekly as a Supplement to the "Daily Weather Report.")

During this period the weather has been very unsettled, but no serious atmospheric disturbance has approached our coasts; for the greater part of the time pressure was relatively high both over the N. of Scandinavia, and the SW. of France, while an area of low readings was shown over the North Sea and S. of Norway. In consequence W^ly to NW^ly breezes have prevailed on our own and the French coasts, while SE^ly winds have been reported to the E^ward of the North Sea; towards the close of the week, however, pressure became very uniform and light variable airs prevailed. Temperature has not changed much on the whole; on Saturday however, it had fallen several degrees and was rather low over Central England. Rain has fallen frequently and a sharp thunderstorm prevailed in the S. on Friday.

MARCH 31st Pressure had increased over France, the Netherlands and the South of England, decreased in all other places – rather quickly at our N^rn stations. Readings were high both over the Peninsula and in the N. of Scandinavia, while an area of low pressure was shown over Denmark and the S. of Norway and Sweden. Wind was consequently SE^ly over the Baltic, and W^ly to NW^ly over Great Britain and France; it was moderate in force except in Caithness. Temperature had risen slightly in the South, but fallen in the N. – at Aberdeen and Nairn it was as low as 27° at 8 a.m. Weather was moderately fine but showers of snow and rain had been general. In the evening the barometer was falling everywhere, a large depression lay off the NE. of Scotland, while a small subsidiary disturbance lay over Central England. Wind had increased to a strong breeze on most coasts and to a fresh gale at Aberdeen.

APRIL 1st Both depressions were still shown; the larger lay a little to the S^ward of the Shetlands, the smaller over the NE. of France; the mercury was falling over the whole of Western Europe, but was rising slightly in Sweden and at Toulon. Wind was NW^ly or W^ly on most coasts, but drew into N. over the Straits of Dover, while over North Germany, Denmark and Sweden it was S^ly or SW^ly; at Skudesnaes and Lumberg Head it was E^ly. Temperature was higher in Scotland and France than on the 31st, but over England and Ireland it had remained steady or fallen slightly. Rain and snow were falling over France and at some of our N^rn stations but elsewhere the sky was moderately clear. During the day the smaller disturbance disappeared, but the larger was still shown between Scotland and Norway; at 6 P.M., however, the mercury was rising in most places.

APRIL 2nd The depression still lay over the North Sea but was apparently slowly filling up, and the barometer was rising at all stations. Readings were highest over Spain. Wind circulated round the low pressure, being NW^ly in Scotland, W^ly over England and France, SW^ly in North Germany, and SE^ly in Scandinavia; it was generally rather strong in force. Temperature had risen a few degrees and varied from 50° at Biarritz to 33° at Shields. Weather was fine except in Denmark and the west of France. Snow showers had again occurred at all the more N^rn and E^rn stations. During the day pressure still rose everywhere, and the winds, while retaining the same direction fell lighter. Aurora was seen in the evening.

APRIL 3rd. Pressure was still increasing over nearly the whole of Western Europe, but the general distribution remained the same as on the previous day, readings being relatively high over the S.W. of France and the north of Scandinavia, while an area of low pressure lay over the North Sea. Wind was S.W. over Scandinavia, but was N.W. in all other places; it was moderate in force except in France, where it blew freshly. Temperature had risen slightly except in the N. of Ireland and Scotland. Sky was overcast in the South, with rain at the Channel stations, but in the N. it was clear or nearly so. Pressure was decreasing in the SE, in the evening, but increasing elsewhere, a shallow depression lay over the north-east of England.

APRIL 4th. The small depression from the NE. of England had advanced SE.ward and lay over the Sound, the barometer had risen over nearly the whole of Western Europe, and readings though higher both in the N. of Scandinavia and S.W. of France than elsewhere were comparatively uniform. Wind was light or moderate in force, from the N.W. on our coasts and from SE. in Sweden. Temperature had fallen somewhat except in the E. of France; it varied from 54° at Toulon, to 34° at Wick and 29° at Haparanda. Rain had occurred generally and continued in North Germany at 8 am, but elsewhere the sky was clear or nearly so. At 6 P.M. pressure was still increasing everywhere, and readings had become more uniform.

APRIL 5th. The mercury was rising slowly everywhere and readings varied from 30·0 ins: at Toulon to 29·6 ins: in Sweden; a small local depression lay over Wales. Very light and variable airs prevailed. Temperature had risen generally but the change was very slight. Weather was fine on our coasts, but the sky was overcast in the S of France and the N. of Norway and Sweden; heavy snow and rain had fallen in Sweden and some rain at our N.W. stations. A smart thunderstorm was felt over S.W. England as the small depression noticed above passed across but no change of importance occurred.

APRIL 6th. Pressure was increasing over the greater part of Western Europe – briskly in Sweden, but was decreasing in the S.W. of France; readings were again very uniform. Wind was very light and variable on our coasts, but a slight E.ly breeze had sprung up over the Bay of Biscay. Temperature had fallen everywhere – most over Central England where the thermometer in the shade was below freezing point. Weather remained fine though a good deal of mist was reported. In the evening the fall of the barometer over the Bay of Biscay became more decided, and extended N.ward to Falmouth, while the SE.ly wind had appeared on our S.W. coasts.

Meteorological Office,
116 *Victoria Street, Westminster; S.W.*
ROBERT H. SCOTT, Secretary.

DAILY WEATHER REPORT APRIL 7TH 1878.

STATIONS.	† YESTERDAY EVENING					8 A.M. TO DAY.									PAST 24 HOURS		
	Barometer at 32° F. and Sea Level.	Temp. in shade.	Wind. Direc.	Wind. Force. (0 to 12).	Weather.	Barometer. Reading at 32° F. and Sea Level.	Barometer. Difference from 8 a.m. yesterday.	Shade Temp. Dry.	Shade Temp. Wet.	Shade Temp. Difference from 8 a.m. yesterday.	Wind. Direc.	Wind. Force. (0 to 12)	Weather.	Sea. (0 to 5.)	Shade Temp. Max.	Shade Temp. Min.	Amount of Rainfall
Haparanda ...	30·22	28	S	2	b	30·32	+ ·41	28	28	— 5	Z	0	f	*	36	21	—
Hernösand ...	30·24	29	Z	0	b	30·30	+ ·22	31	30	— 3	Z	0	c	*	*	*	—
Stockholm ...	30·11	30	E	4	f	30·06	·00	31	31	— 6	N	4	s	*	*	*	0·04
Wisby	29·97	36	ENE	6	o	29·99	— ·02	35	35	+ 4	NNW	8	r	*	*	*	0·08
Christiansund ...	30·18	35	SW	1	b	30·26	+ ·31	36	35	— 3	ESE	1	b	2	39	28	—
Skudesnaes ...	30·19	36	NNW	2	f	30·30	+ ·26	35	35	— 6	NE	2	f	2	43	36	—
Oxö (Xtiansand)	30·17	38	ESE	2	b	30·25	+ ·22	33	32	+ 1	NNW	2	b	1	39	30	—
Skagen (The Skaw)	30·17	36	Z	0	f	30·24	+ ·20	37	36	— 3	N	3	o	1	52	30	—
Fanö	30·19	38	NNW	4	b	30·29	+ ·27	42	40	+ 2	N	2	b	*	46	32	—
Cuxhaven ...	30·21	44	N	1	b	30·31	+ ·28	41	40	+ 1	N	1	b	*	?	37	—
Sumburgh Head	30·10	43	SSE	3	bc	30·11	+ ·10	44	42	+ 4	SSE	4	o	4	46	39	—
Stornoway	30·00	44	SSE	1	bc	30·08	+ ·07	44	42	+ 2	SW	6	b	4	46	39	—
Thurso	30·07	45	SW	1	bc	30·08	+ ·11	41	41	+ 6	SSE	2	bcm	2	53	38	0·01
Wick	30·11	44	W	1	b	30·10	+ ·09	45	42	+ 9	S	2	b	1	49	32	0·02
Nairn	30·09	45	WSW	1	b	30·12	+ ·17	40	37	+ 6	Z	0	bm	0	49	33	—
Aberdeen ...	30·11	43	S	3	c	30·16	+ ·13	42	41	+ 7	S	2	c	1	48	35	—
Leith	30·01	45	NW	1	c	30·15	+ ·13	41	39	+ 5	NW	1	b	*	53	29	—
Shields	30·15	45	SSW	2	c	30·23	+ ·14	39	37	+ 2	NNW	2	c	1	49	35	—
Scarborough ...	30·18	43	SSE	2	bc	30·25	+ ·16	45	42	0	SSE	2	b	2	46	38	—
York	30·17	47	ESE	1	b	30·25	+ ·14	41	38	+ 7	S	2	b	*	54	32	—
Nottingham ...	30·18	49	S	1	b	30·23	+ ·16	40	37	+ 12	SE	2	b	*	59	28	—
Ardrossan ...	30·10	49	SW	2	b	30·12	+ ·09	41	38	0	NE	2	b	1	53	35	—
Greencastle ...	30·06	48	ENE	2	o	30·04	+ ·02	46	40	+ 4	S	2	b	*	55	37	—
Donaghadee ...	30·11	44	S	2	bc	30·10	+ ·05	44	44	+ 2	SE	3	b	2	51	37	—
Kingstown ...	30·13	48	SSE	4	b	30·06	— ·01	45	42	+ 5	SE	5	b	3	49	39	—
Holyhead ...	30·14	48	NE	2	b	30·13	+ ·05	43	41	0	NE	2	b	1	54	38	—
Liverpool (Bidston)	30·13	47	NNW	1	b	30·16	+ ·07	42	38	+ 9	ESE	2	b	1	52	36	—
Valencia	30·03	50	SE	5	b	29·85	— ·21	48	44	+ 4	ESE	5	bc	5	53	42	—
Roche's Point...	30·11	47	SE	4	bc	29·99	— ·08	47	45	+ 7	SE	5	bc	4	52	40	—
Pembroke ...	30·12	50	Z	0	b	30·03	— ·08	44	42	+ 3	ESE	5	b	3	54	40	—
Portishead ...	30·12	48	W	1	b	30·18	+ ·05	42	40	+ 4	NE	6	b	4	53	34	—
Scilly																	
Plymouth ...	30·12	49	SE	3	b	30·02	— ·08	47	44	+ 7	E	6	b	*	54	40	—
Hurst Castle ...	30·15	49	SSW	2	b	30·14	+ ·04	46	44	+ 5	ESE	4	bw	3	51	40	—
Dover	30·19	44	E	2	bc	30·25	+ ·13	40	39	— 3	ESE	4	c	3	46	39	—
London	30·17	50	SE	1	c	30·21	+ ·09	45	41	+ 9	E	3	b	*	57	33	—
Oxford	*	*	*	*	*	30·26	+ ·08	39	37	+ 8	E	3	b	*	54	31	—
Cambridge ...	30·18	48	SSE	1	b	30·27	+ ·14	40	39	+ 8	SE	1	c	*	58	30	—
Yarmouth ...	30·19	42	SSE	1	b	30·27	+ ·17	41	40	+ 7	ESE	3	b	2	44	34	—
The Helder. ...	*	*	*	*	*	30·29	+ ·23	42	41	0	NE	1	b	*	*	*	
Cape Gris Nez	30·20	45	E	2	m	30·23	+ ·09	36	36	— 7	SE	12	f	1	50	32	—
Jersey																	
Brest	30·04	66	E	3	b	29·86	— ·24	46	43	+ 5	ESE	4	b	3	?	?	—
L'Orient	30·03	54	ESE	3	bc	29·87	— ·23	46	43	+ 3	E	5	c	4	59	41	—
Rochefort ...	29·96	57	E	3	c	29·84	— ·20	48	45	+ 2	E	5	o	3	63	41	—
Biarritz	29·84	59	ENE	3	f	29·75	— ·18	61	57	+ 9	ESE	3	f	2	72	48	0·04
Corunna	*	*	*	*	*				*						*	*	*
Brussels	*	*	*	*	*	30·27	+ ·15		38	0	NNW	1	f	*	47	35	—
Charleville ...	*	*	*	*	*	30·24	?	40	*	+ 3	NE	1	b	*	*	*	*
Paris	30·13	52	E	3	b	30·15	·00	41	38	— 2	E	1	b	*	*	*	—
Lyons	*	*	*	*	*	30·04	— ·09	57	*	— 3	NE	2	b	*	*	*	*
Toulon	30·03	54	W	3	m	29·99	— ·05	52	50	— 3	E	4	m	3	64	55	—

YESTERDAY'S 2 P.M. REPORTS AND REMARKS.

	Bar.	Dry.	Wet.	Wind.		Wea.	Sea.		Bar.	Dry.	Wet.	Wind.		Wea.	Sea.
Skudesnaes ...	30·13	42	39	WSW	2	c	2	Valencia	30·07	53	49	SSE	3	bo	3
Thurso	30·03	52	46	WSW	2	bc	2	Scilly							
Scarborough ...	30·14	43	42	SE	3	bo	2	London	30·14	52	44	Z	0	bom	*
Greencastle ...	30·05	53	47	S	1	b	*	Rochefort ...	29·98	63	54	ESE	4	c	3
Holyhead	30·16	51	47	SSW	2	b	1								

No important change.

EXPLANATION OF COLUMNS.

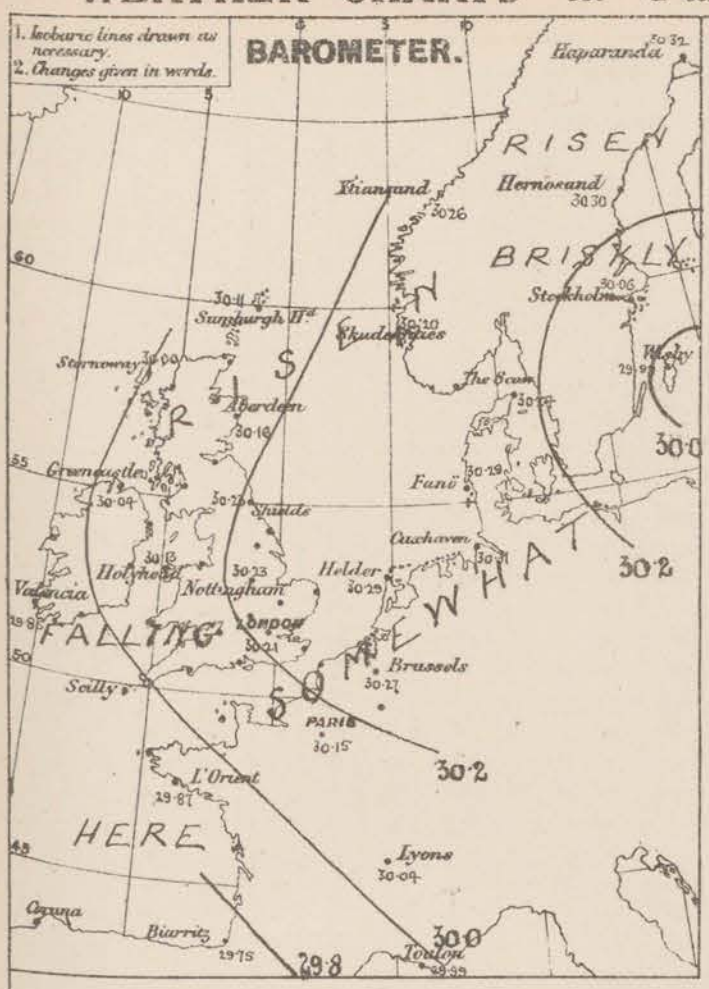
WEATHER.—*Beaufort Scale* is, b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.

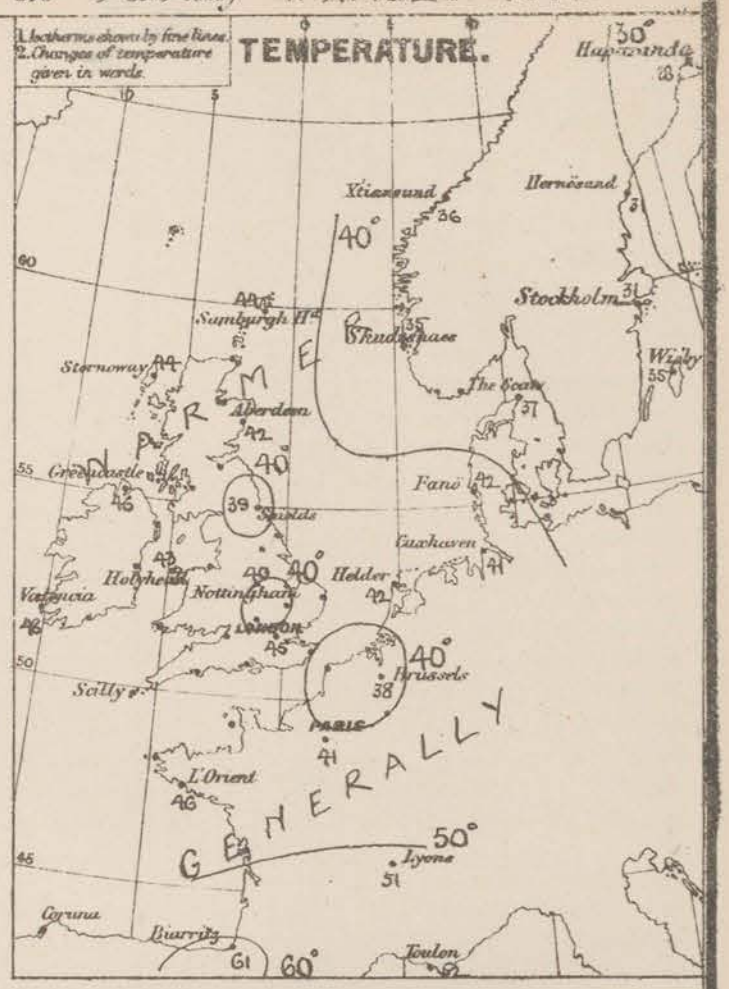
* AN ASTERISK is inserted in all places for which information is not usually received.

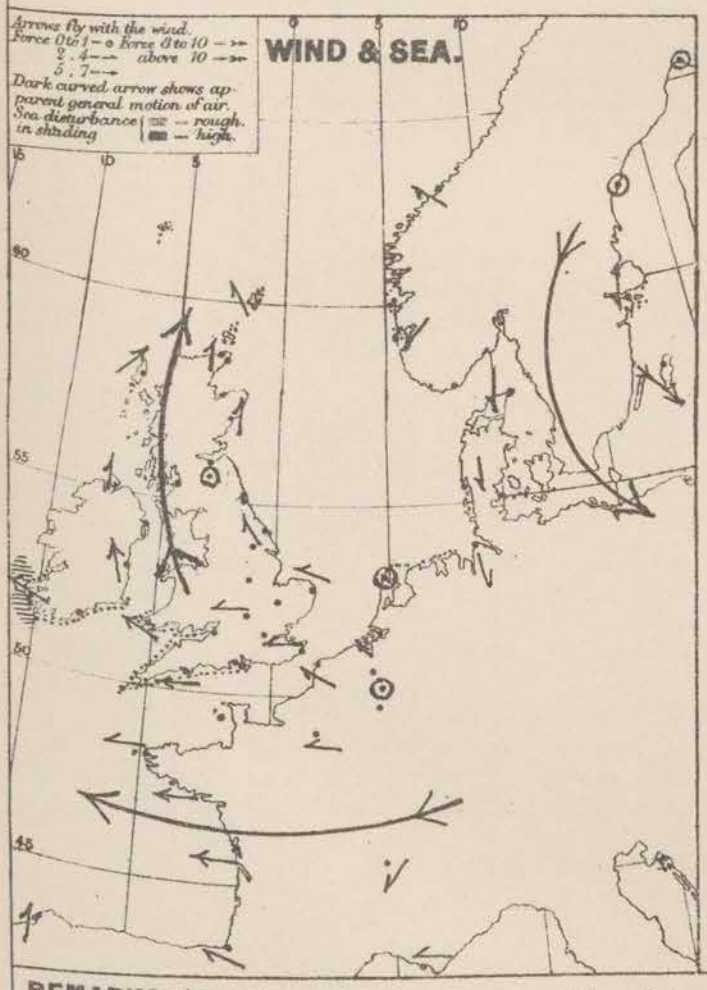
† The evening observations are taken at 6 p.m. in our Islands, at 8 p.m. (Christiania time) in Sweden, Norway, and Denmark, and at 7 p.m. (Paris time) in France.

N.B.—The wind is said to "veer" when its direction changes *with the sun*, and to "back" when it shifts in the opposite direction.

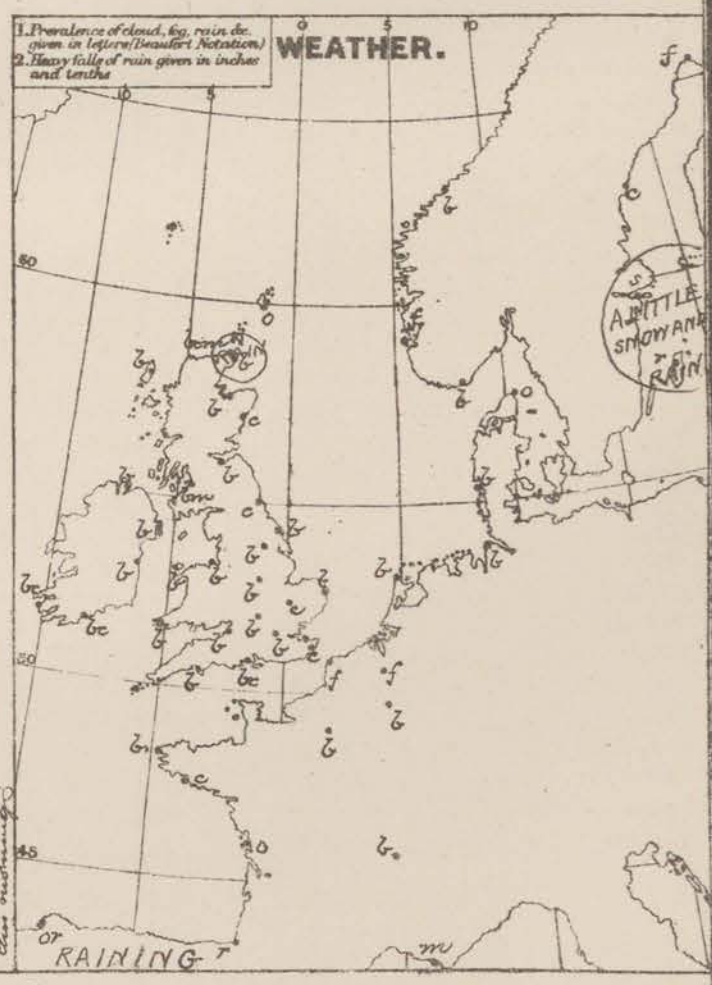
WEATHER CHARTS for 8 a.m. on Sunday 7. APRIL 1878







A dotted line is drawn round the coasts where the Signals have been this morning.



REMARKS. The Weather is very fine over nearly the whole of W^n Europe, but slight rain is falling at Wisby, Biarritz and Coruna, and a little snow at Stockholm. Temperature has risen generally, and now varies from 61° at Biarritz to 39° over Central England. During yesterday it rose to 72° in the SW of France. Wind is S^ly in Scotland, but is SE^ly to E^ly in nearly all other places. At the SW^n stations it blows strongly, but in the E it is still light or moderate in force though inclining to freshen. Sea is rather rough at Valentia, moderate to slight elsewhere.

Barometrical Indications. Pressure is increasing at all our more W^n and E^n stations, but is decreasing in the SW. and over the Bay of Biscay, so that gradients for E^ly winds are increasing.

Warnings. The following has been sent on SW. coasts. "Barometer falling Bay of Biscay. Winds likely to freshen. Hoist South Cone for SE^ly gale. Sunday 9.30 am".

Subscription for these Charts payable in advance to cover delivery. Delivery by hand 1/- per quarter, book post 5/- per quarter.

Meteorological Office, 116, Victoria Street, Westminster, S.W.

R.H. SCOTT. Secretary.

DAILY WEATHER REPORT APRIL 8TH 1878.

STATIONS.	† YESTERDAY EVENING. Barometer at 32° F. and Sea Level.	Temp. in shade.	Wind. Direc.	Wind. Force. (0 to 12).	Weather.	8 A.M. TO DAY. Barometer. Reading at 32° F. and Sea Level.	Barometer. Difference from 8 a.m. yesterday.	Shade Temp. Dry.	Shade Temp. Wet.	Shade Temp. Difference from 8 a.m. yesterday.	Wind. Direc.	Wind. Force. (0 to 12).	Weather.	Sea. (0 to 9.)	PAST 24 HOURS. Shade Temp. Max.	Shade Temp. Min.	Amount of Rainfall.
Haparanda ...														*			
Hernösand ...														*	*	*	
Stockholm ...														*	*	*	
Wisby														*	*	*	
Christiansund ...	30·33	37	E	1	b	30·38	+ ·12	37	32	+ 1	ESE	2	b	2	43	28	–
Skudesnaes ...	30·34	34	Z	0	b	30·37	+ ·07	42	39	+ 7	NE	4	b	2	43	32	–
Oxö (Xtiansand)	30·32	39	N	2	b	30·39	+ ·14	36	33	+ 3	NNW	4	b	2	43	34	–
Skagen (The Skaw)	30·3[illegible]	40	N	2	b	30·34	+ ·10	41	37	+ 4	NE	4	b	3	50	32	–
Fanö	30·33	37	NE	4	b	30·32	+ ·03	42	39	0	ENE	4	b	*	40	34	–
Cuxhaven ...	30·40	43	N	2	b	30·31	·00	41	40	0	ENE	3	b	*	43	39	–
Sumburgh Head	30·11	45	SSE	6	c	30·16	+ ·05	43	40	– 1	SSE	7	bc	6	48	41	–
Stornoway	29·92	49	SSW	7	cm	29·84	– ·16	48	44	+ 4	SSE	6	bc	4	50	41	–
Thurso	30·03	48	SSE	3	c	30·00	– ·08	40	40	– 1	SSE	7	og	4	55	30	–
Wick	30·05	44	S		m	30·09	– ·01	42	40	– 3	SSE	6	c	4	53	38	–
Nairn	30·04	51	Z	0	b	30·04	– ·08	38	34	– 2	Z	0	b	1	56	33	–
Aberdeen ...	30·12	44	S	4	b	30·15	– ·01	42	40	0	S	5	c	2	49	39	–
Leith	30·06	53	S	3	b	30·07	– ·08	45	41	+ 4	E	3	b	*	59	35	–
Shields	30·18	43	SE	4	b	30·13	– ·10	44	42	+ 5	SE	6	b	4	49	38	–
Scarborough .	30·15	40	SE	4	c	30·14	– ·11	44	42	– 1	SSE	6	b	5	47	39	–
York	30·19	45	ESE	3	b	30·11	– ·14	45	41	+ 4	SE	3	b	*	54	36	–
Nottingham ...	30·12	50	SE	6	b	30·05	– ·18	46	41	+ 6	SE	6	b	*	57	35	–
Ardrossan ...	30·01	52	SE	3	b	29·98	– ·14	45	40	+ 4	E	5	c	3	55	37	–
Greencastle ...	29·93	51	S	4	bc	29·87	– ·23	44	41	– 2	ESE	3	o	*	55	41	–
Donaghadee ...	29·99	47	SSE	4	b	29·89	– ·21	46	43	0	SSE	7	bc	5	51	44	–
Kingstown ...	29·91	49	SE	4	bc	29·78	– ·28	46	42	+ 1	SE	6	c	5	51	44	–
Holyhead ...	29·97	55	E	3	bc	29·84	– ·29	48	43	+ 5	ESE	3	c	2	59	43	–
Liverpool (Bidston	30·01	47	ESE	3	b	29·92	– ·24	42	41	0	E	5	bo	2	55	39	–
Valencia	29·62	51	ESE	7	cm	29·49	– ·36	51	49	+ 3	ESE	6	og	6	56	47	0·38
Roche's Point...	29·77	50	SE	6	c	29·61	– ·38	47	47	0	SE	6	r	5	52	46	0·45
Pembroke ...	29·81	51	E	9	bc	29·70	– ·33	45	42	+ 1	ESE	9	o	5	52	43	–
Portishead ...	29·97	53	ESE	6	b	29·87	– ·26	43	40	+ 1	ESE	5	ow	4	58	38	–
Scilly																	
Plymouth ...	29·83	48	E	6	bc	29·72	– ·30	46	45	– 1	E	6	r	*	54	45	0·024
Hurst Castle ...	29·98	50	ESE	6	b	29·86	– ·28	46	43	0	ESE	7	c	6	57	44	–
Dover	30·81	45	E	4	b	30·03	– ·22	46	41	+ 6	E	5	b	4	46	39	–
London	30·11	45	ESE	5	bo	29·98	– ·23	48	42	+ 3	E	3	bw	*	54	38	–
Oxford	*	*	*	*	*	29·96	– ·25	45	40	+ 6	E	3	bc	*	52	39	–
Cambridge ...	30·15	50	E	2	b	30·04	– ·23	46	42	+ 6	ESE	2	bm	*	59	36	–
Yarmouth ...	30·19	42	E	4	b	30·12	– ·15	43	41	+ 2	ESE	6	b	5	44	40	–
The Helder ...	*	*	*	*	*	30·23	– ·06	42	40	0	E	1	b	*	*	*	–
Cape Gris Nez	30·08	48	E	3	b	30·01	– ·22	43	39	+ 7	ENE	5	b	3	54	36	–
Jersey																	
Brest	29·71	54	SE	4	o	29·62	– ·24	52	50	+ 6	SE	3	r	4	57	?	0·20
L'Orient	29·72	54	E	4	r	29·66	– ·21	52	50	+ 6	ESE	4	o	4	55	45	0·04
Rochefort ...	29·70	57	SE	4	o	29·69	– ·15	55	54	+ 7	SE	3	o	3	63	41	–
Biarritz	29·66	59	ENE	3	o	29·66	– ·09	64	59	+ 3	SSE	3	c	2	72	55	0·04
Corunna	*	*	*	*	*				*						*	*	*
Brussels	*	*	*	*	*	30·10	– ·17	41	37	+ 3	E	4	b	*	53	35	–
Charleville ...	*	*	*	*	*	? 30·00	– ·24	44	*	+ 4	SE	6	b	*	*	*	*
Paris	29·99	54	ENE	5	bc	29·90	– ·25	45	39	+ 4	E	3	b	*	*	*	–
Lyons	*	*	*	*	*	29·91	– ·23	55	*	+ 4	SE	2	o	*	*	*	*
Toulon	29·93	54	E	5	o	29·89	– ·10	55	46	+ 3	E	6	o	4	57	50	–

YESTERDAY'S 2 P.M. REPORTS AND REMARKS.

	Bar.	Dry.	Wet.	Wind.		Wea.	Sea.		Bar.	Dry.	Wet.	Wind.		Wea.	Sea.
Skudesnaes ...	30·32	43	40	N	2	b	2	Valencia							
Thurso								Scilly							
Scarborough ...								London							*
Greencastle ...							*	Rochefort ...	?	59	55	SE	4	r	3
Holyhead															

EXPLANATION OF COLUMNS.

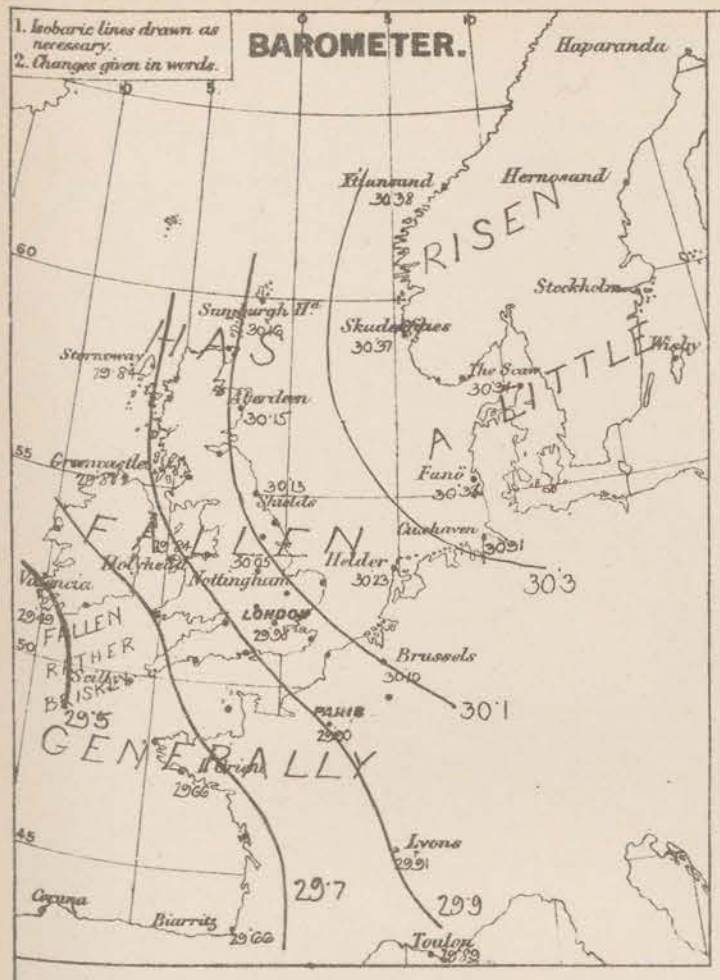
WEATHER.—*Beaufort Scale* is, b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.

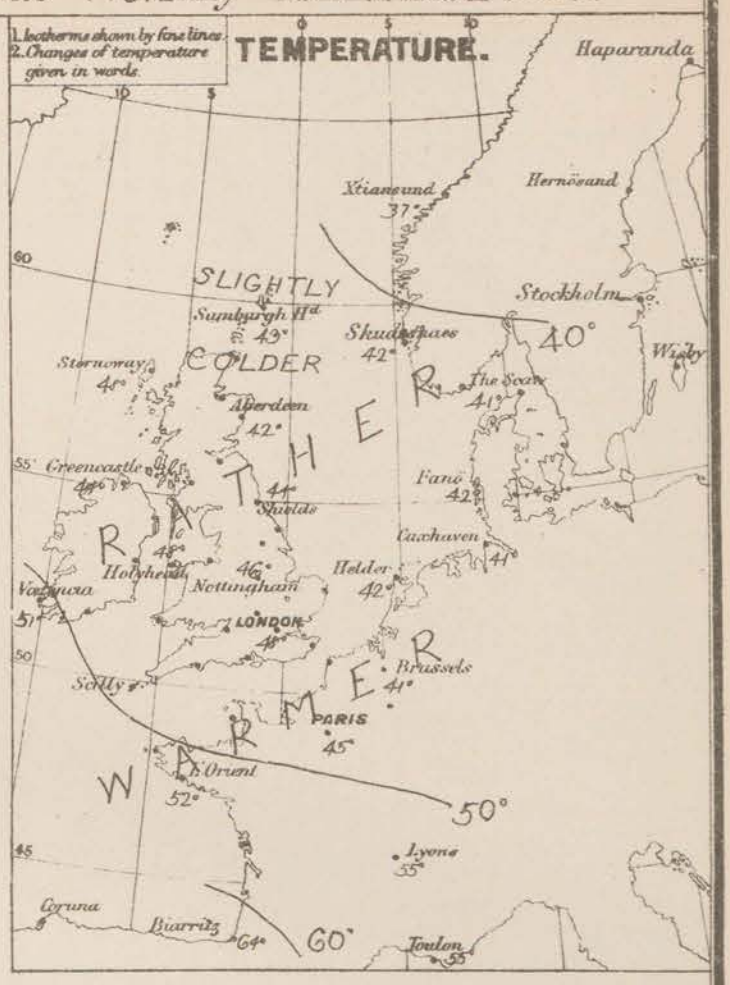
* AN ASTERISK is inserted in all places for which information is not usually received.

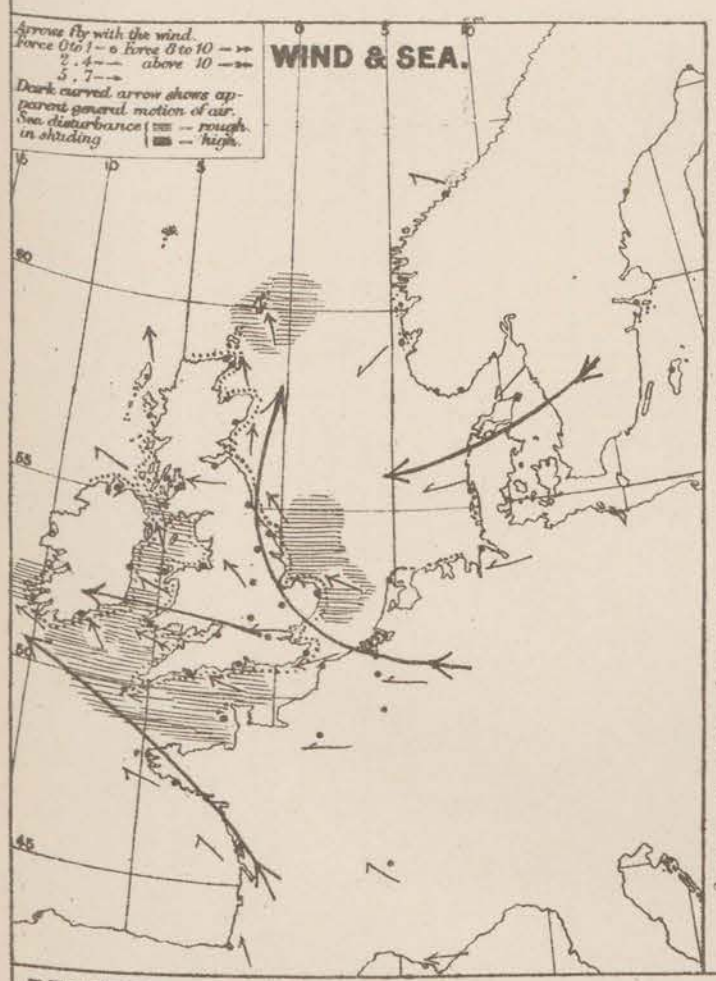
† The evening observations are taken at 6 p.m. in our Islands, at 8 p.m. (Christiania time) in Sweden, Norway, and Denmark, and at 7 p.m. (Paris time) in France.

N.B.—The wind is said to "veer" when its direction changes *with the sun*, and to "back" when it shifts in the opposite direction.

WEATHER CHARTS *for 8 a.m. on Monday 8TH APRIL 1878.*







Note A dotted line is drawn round those coasts on which the warning signals are now flying.

REMARKS. Weather in the south west is overcast, with rain and a gloomy appearance, but in all other parts of the country and over the greater part of the Continent the sky is clear or nearly so and the weather exceedingly dry. Temperature is changing very little; it varies from 64° at Biarritz to 51° at Valentia and to 38° at Hairn and over Scandinavia. During yesterday the thermometer in the shade rose to 72° in the south west of France, to 59° at Cambridge, Holyhead and Leith and to 54° in London. Wind is SE by in nearly all places; it blows a strong breeze or moderate gale generally, and reaches a strong gale at Pembroke. A fresh gale was experienced at Valentia yesterday afternoon, and a strong gale (50 miles per hour) all day and night at Milford. Sea is rough at most of our ports.

Barometrical Indications. Pressure is increasing over Scandinavia, but decreasing over the whole of these Islands and France rather briskly at our south western stations. A rather deep depression lies to the SW'ward of Ireland.

Warnings. Our south west coasts were warned yesterday morning, and the following message was sent to all our other coasts in the evening:— "Barometer falling briskly south west. Hoist South Cone for SE gale. Sunday 7 pm."

Subscription for these Charts payable in advance to cover delivery. Delivery by hand 10/- per quarter, book post 5/- per quarter.

Meteorological Office,
116, Victoria Street, Westminster, S.W.

R.H. SCOTT.
Secretary.

DAILY WEATHER REPORT APRIL 9th 1878.

STATIONS.	† YESTERDAY EVENING. Barometer at 32° F. and Sea Level.	Temp. in shade.	Wind. Direc.	Wind. Force. (0 to 12).	Weather.	8 A.M. TO DAY. Barometer. Reading at 32° F. and Sea Level.	Barometer. Difference from 8 a.m. yesterday.	Shade Temp. Dry.	Shade Temp. Wet.	Shade Temp. Difference from 8 a.m. yesterday.	Wind. Direc.	Wind. Force. (0 to 12).	Weather.	Sea. (0 to 9.)	PAST 24 HOURS. Shade Temp. Max.	Shade Temp. Min.	Amount of Rainfall.
Haparanda ...	30·56	36	NE	2	b	30·60		33	32		N	2	o	*	41	25	–
Hernösand ...	30·54	36	NE	2	c	30·59		37	35		NE	2	c	*	*	*	–
Stockholm ...	30·33	34	N	4	r	30·34		37	36		NNE	4	o	*	*	*	–
Wisby	30·17	38	NE	6	o	30·19		41	40		E	6	o	*	*	*	–
Christiansund ...	30·44	39	S	1	b	30·48	+ ·10	39	35	+ 2	ESE	2	b	3	40	27	–
Skudesnaes ...	30·39	41	ENE	2	b	30·40	+ ·03	45	37	+ 2	NNE	2	c	2	?	41	–
Oxö (Xtiansand)	30·38	44	NE	4	b	30·39	·00	41	36	+ 5	NNE	6	b	3	45	36	0·04
Skagen (The Skaw)	30·35	42	E	4	o	30·33	– ·01	38	36	– 3	ENE	5	o	5	46	34	–
Fanö	30·25	42	ENE	6	o	30·23	– ·09	40	40	– 2	ENE	4	o	*	52	39	–
Cuxhaven ...	30·29	47	ENE	2	b	30·17	– ·14	43	43	+ 2	NE	3	c	*	?	39	–
Sumburgh Head	30·22	43	SSE	6	b	30·36	+ ·20	44	41	+ 1	SE	4	bc	4	46	40	–
Stornoway	29·87	50	SSE	6	bm	30·10	+ ·26	46	42	– 2	SE	6	b	5	52	40	–
Thurso	30·06	45	SSE	7	bc	30·25	+ ·25	44	42	+ 4	SSE	4	bc	3	54	34	–
Wick	30·12	45	S	6	b	30·28	+ ·19	44	41	+ 2	S	4	b	4	48	40	–
Nairn	30·05	45	SW	3	bo	30·22	+ ·18	43	38	+ 5	SW	1	b	1	54	34	–
Aberdeen ...	30·16	44	SSE	5	b	30·27	+ ·12	44	42	+ 2	SE	4	b	3	47	39	–
Leith	30·05	47	SE	4	b	30·19	+ ·12	45	42	0	ESE	3	b	*	56	36	–
Shields	30·13	43	SE	7	b	30·19	+ ·06	45	42	+ 1	ESE	5	bc	4	46	40	–
Scarborough .	30·13	42	SE	5	b	30·17	+ ·03	43	42	– 1	E	4	c	4	45	41	–
York	30·09	46	SE	4	b	30·14	+ ·03	44	41	– 1	E	2	b	*	52	34	–
Nottingham ...	30·03	48	SE	6	b	30·09	+ ·04	45	41	– 1	ESE	5	b	*	58	36	–
Ardrossan ...	29·94	53	ESE	6	bc	30·13	+ ·15	45	40	0	ENE	3	bm	2	61	39	–
Greencastle ...	29·94	51	ESE	4	o	30·02	+ ·21	47	43	+ 3	E	3	b	*	52	43	–
Donaghadee ...	29·88	48	SSE	6	b	30·06	+ ·17	45	42	– 1	ESE	7	b	6	52	43	–
Kingstown ...	29·91	48	SE	3	o	29·97	+ ·19	45	43	– 1	E	4	b	4	49	44	0·01
Holyhead ...	29·81	54	E	5	c	29·98	+ ·14	45	42	– 3	NE	4	b	3	56	40	–
Liverpool (Bidston)	29·91	50	E	4	b	30·05	+ ·13	45	40	+ 3	E	3	b	2	55	39	–
Valencia	29·59	51	ESE	4	bq	29·75	+ ·26	49	47	– 2	E	5	o	5	53	48	?0·01
Roche's Point...	29·68	46	SE	6	r	29·83	+ ·22	45	45	– 2	ESE	6	r	5	50	44	0·76
Pembroke ...	29·72	51	ESE	6	c	29·82	+ ·12	46	41	+ 1	ESE	7	b	4	52	43	–
Portishead ..	29·83	52	SE	6	bo	29·94	+ ·07	43	40	0	NE	6	b	5	61	37	–
Scilly																	
Plymouth ...	29·72	50	E	6	o	29·79	+ ·07	46	42	0	E	6	o	*	57	45	–
Hurst Castle ...	29·82	53	ESE	7	bo	29·87	+ ·01	46	43	0	ESE	5	b	5	54	43	–
Dover	29·95	47	E	5	b	29·97	– ·06	45	41	– 1	E	5	b	4	48	41	–
London	29·94	50	E	6	bq	29·97	– ·01	46	42	– 2	E	4	bc	*	54	39	–
Oxford	*	*	*	*	*	29·98	+ ·02	45	41	0	E	1	b	*	56	38	–
Cambridge ...	30·01	48	E	4	b	30·04	·00	44	41	– 2	E	3	b	*	58	35	–
Yarmouth ...	30·07	44	E	7	b	30·08	– ·04	42	40	– 1	E	5	bc	4	45	40	–
The Helder ...	*	*	*	*	*	30·10	– ·13	42	40	0	NE	3	c	*	*	*	–
Cape Gris Nez	29·92	52	ENE	5	b	29·95	– ·06	41	37	– 2	E	4	b	3	57	36	–
Jersey	29·76	50	SE	2	r	29·77		43	42		ENE	4	bm	3	57	43	0·45
Brest	29·67	61	SE	3	o	29·66	+ ·04	52	50	0	E	4	o	3	?	50	0·12
L'Orient	29·65	57	ESE	4	bc	29·67	+ ·01	52	50	0	E	4	bc	3	61	48	–
Rochefort ...	29·67	61	SE	2	bc	29·65	– ·04	52	50	– 3	SE	2	bc	3	68	46	–
Biarritz	29·62	?	SSW	1	c	29·61	– ·05	54	50	– 10	SSW	3	o	2	75	?	–
Corunna	*	*	*	*	*				*						*	*	*
Brussels	*	*	*	*	*	29·98	– ·12	41	38	0	ESE	4	b	*	55	36	–
Charleville ...	*	*	*	*	*	? 29·90	– ·10	43	*	– 1	ENE	3	b	*	*	*	*
Paris	29·77	44	E	5	bc	29·84	– ·06	52	?	+ 7	E	5	o	*	*	*	–
Lyons	*	*	*	*	*	29·78	– ·13	53	*	– 2	SE	2	o	*	*	*	*
Toulon	29·85	44	E	5	c	29·77	– ·12	50	50	– 5	E	6	o	6	57	?	0·04

YESTERDAY'S 2 P.M. REPORTS AND REMARKS.

	Bar.	Dry.	Wet.	Wind.		Wea.	Sea.		Bar.	Dry.	Wet.	Wind.		Wea.	Sea.
Skudesnaes ...	30·35	47	40	WSW	2	b	4	Valencia	29·54	52	50	ESE	6	bq	5
Thurso	30·03	49	47	SSE	8	bcq	7	Scilly							
Scarborough ...	30·13	43	41	SSE	5	b	5	London	29·95	49	43	E	7	bq	*
Greencastle ...	29·80	50	44	ESE	4	o	*	Rochefort ...	29·68	66	63	SE	3	c	3
Holyhead	29·81	53	47	SSE	5	m	3								

Pressure is now increasing slightly at Valentia though elsewhere the decrease reported this morning continues slowly. A hard gale still blows at Pembroke and the wind has risen to a great gale at Thurso.

EXPLANATION OF COLUMNS.

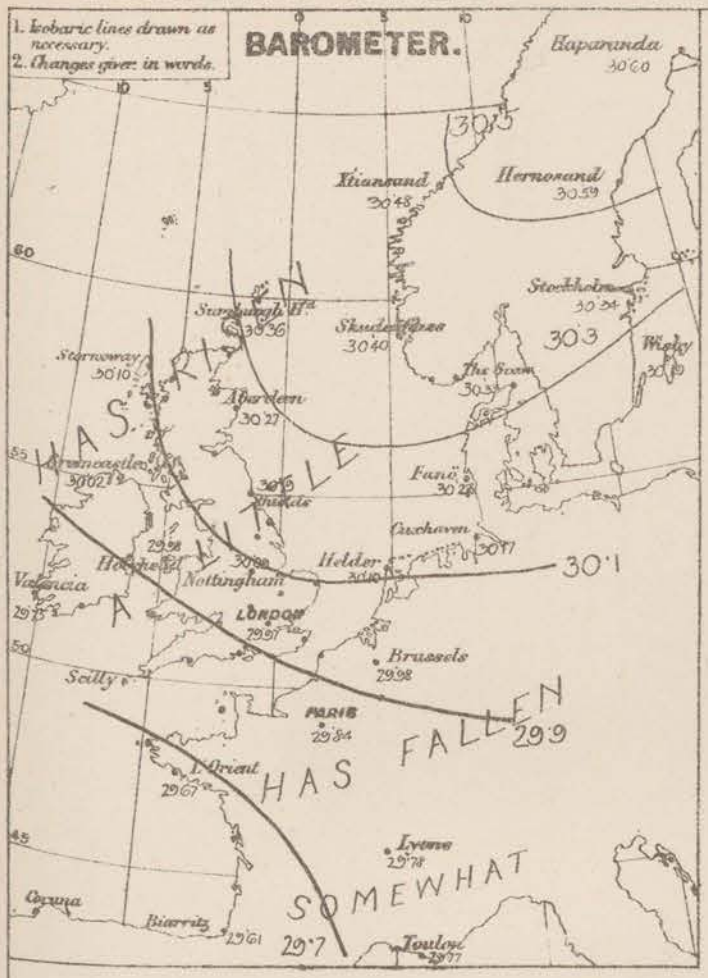
WEATHER.—*Beaufort Scale* is, b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency w. dew.

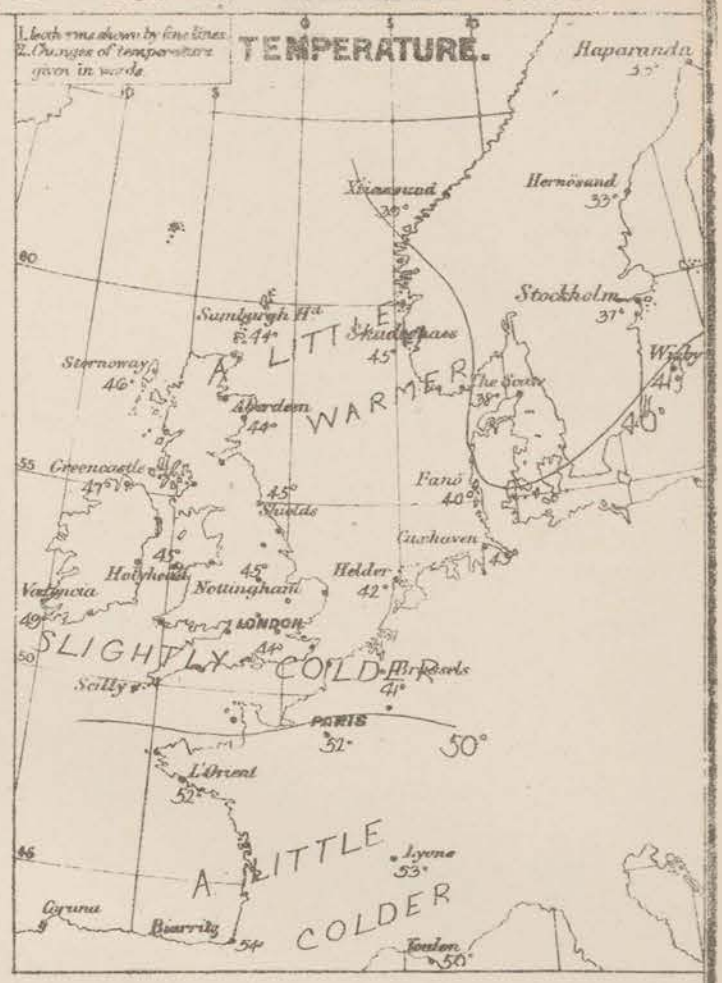
* AN ASTERISK is inserted in all places for which information is not usually received.

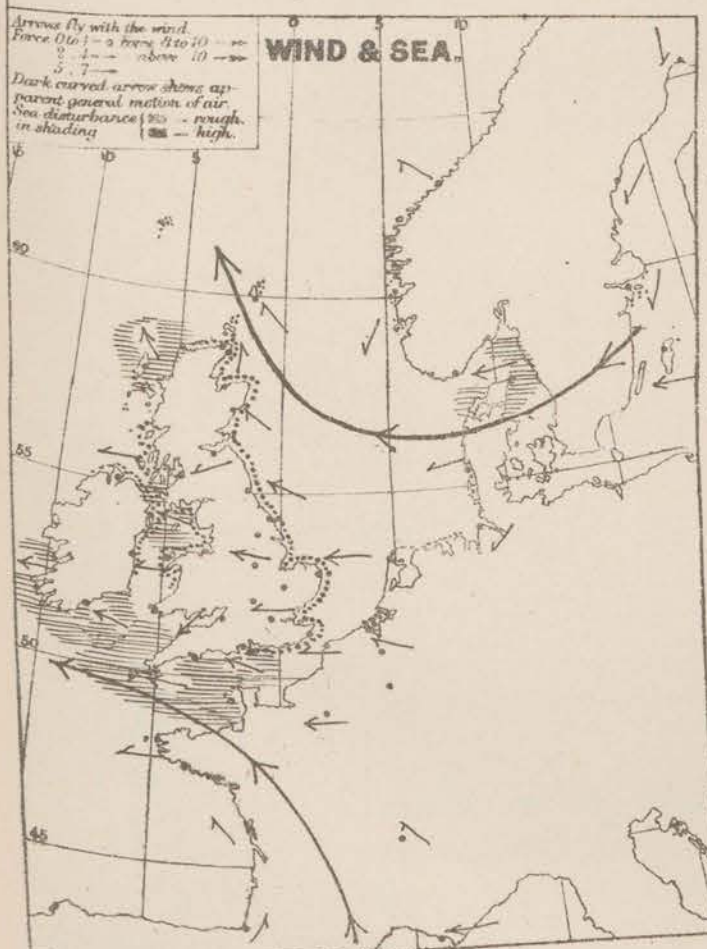
† The evening observations are taken at 6 p.m. in our Islands, at 8 p.m. (Christiania time) in Sweden, Norway, and Denmark, and at 7 p.m. (Paris time) in France.

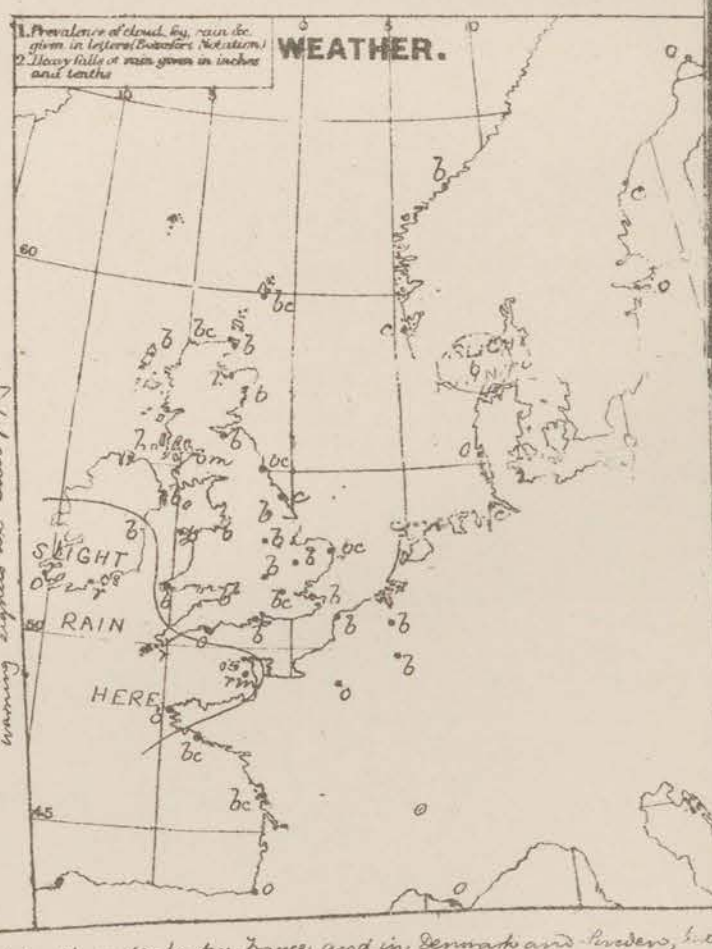
N.B.—The wind is said to "veer" when its direction changes *with the sun*, and to "back" when it shifts in the opposite direction.

WEATHER CHARTS for 8 a.m. on Tuesday April 9th 1878.









REMARKS. Weather is dull and wet over our south western stations, the greater part of France and in Denmark and Sweden, but it is clear or nearly so elsewhere. Heavy rain has fallen at Roches Pt and Jersey but in all other places the weather has been dry.

Temperature has risen at the more northern and fallen at the more southern stations; the changes are, however, very slight and the thermometer is very uniform at about 45° over these Islands. Temperature rose during yesterday to 75° at Biarritz, to 61° at Andromar and Portsmouth and to 54° in London. Wind is E^ly or ESE^ly over France and the greater part of England and Ireland but draws into SE in Scotland it remains fresh or strong in force except in the east of Scotland. Sea is rough in the Channel as well as off the west coast of Ireland and north coast of Scotland, but is moderate to slight elsewhere.

Barometrical Indications. Pressure has decreased slightly over France and North Germany but has increased in most other places. The change has been rather brisk in the north, and readings now vary from 30·6 ins. in the Gulf of Bothnia to 29·6 ins at Biarritz.

Warnings. The warning signals are still up on all but our south west coasts.

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Meteorological Office, 116, Victoria Street, Westminster, S.W.

R. H. SCOTT.

DAILY WEATHER REPORT APRIL 10TH 1878.

STATIONS.	† YESTERDAY EVENING. Barometer at 32° F. and Sea Level.	Temp. in shade.	Wind. Direc.	Wind. Force. (0 to 12).	Weather.	8 A.M. TO DAY. Barometer. Reading at 32° F. and Sea Level.	Barometer. Difference from 8 a.m. yesterday.	Shade Temp. Dry.	Shade Temp. Wet.	Shade Temp. Difference from 8 a.m. yesterday.	Wind. Direc.	Wind. Force. (0 to 12).	Weather.	Sea. (0 to 9.)	PAST 24 HOURS. Shade Temp. Max.	Shade Temp. Min.	Amount of Rainfall.
Haparanda ...	30·34	27	Z	0	b	30·49	− ·11	29	29	− 4	Z	0	0	*	39	23	–
Hernösand ...	30·47	32	Z	0	b	30·63	+ ·04	35	33	− 2	NE	2	b	*	*	*	–
Stockholm ...	30·45	35	NNE	4	0	30·49	+ ·15	33	33	− 4	N	2	0	*	*	*	–
Wisby	30·28	44	E	4	b	30·31	+ ·12	43	41	+ 2	E	6	b	*	*	*	–
Christiansund ...	30·47	36	ESE	1	b	30·54	+ ·06	41	36	+ 2	E	2	b	2	46	28	–
Skudesnaes ...	30·38	46	ENE	2	c	30·44	+ ·04	49	45	+ 4	ENE	2	0	1	52	45	–
Oxö (Christiansund)	30·38	45	NE	6	0	30·44	+ ·05	41	40	0	NE	5	0	3	45	39	–
Skagen (The Skaw)	30·39	41	ENE	4	0	30·43	+ ·10	39	38	+ 1	ENE	4	0	4	43	34	–
Fanö	30·24	44	E	5	c	30·30	+ ·07	45	44	+ 5	ENE	5	0	*	45	39	–
Cuxhaven ...	30·17	43	E	3	0	30·27	+ ·10	42	42	− 1	ENE	2	f	*	43	37	–
Sumburgh Head	30·39	44	SE	3	c	30·42	+ ·06	45	42	+ 1	NE	2	c	3	48	40	–
Stornoway	30·15	46	SE	4	b	30·29	+ ·19	46	44	0	E	6	b	4	? 49	39	–
Thurso	30·28	42	SE	4	c	30·33	+ ·08	43	42	− 1	ESE	2	of	2	47	37	–
Wick	30·30	43	NE	4	b	30·34	+ ·06	44	43	0	SE	4	0	4	47	40	–
Nairn	30·26	45	SE	3	bc	30·30	+ ·08	42	40	− 1	SE	4	0	2	52	37	–
Aberdeen ...	30·30	43	SE	3	c	30·30	+ ·03	43	42	− 1	E	3	cm	2	47	41	0·01
Leith	30·22	43	E	4	0	30·20	+ ·01	42	41	− 3	E	3	0	*	49	39	0·04
Shields	30·20	42	E	3	0	30·19	·00	42	42	− 3	ESE	4	r	4	45	40	0·02
Scarborough .	30·16	42	ENE	4	0	30·15	− ·02	42	41	− 1	E	5	0	4	44	41	0·02
York	30·16	42	NE	1	0	30·12	− ·02	43	42	− 1	E	2	0	*	49	40	0·03
Nottingham ...	30·09	44	ENE	5	0	30·05	− ·04	43	42	− 2	ENE	6	0	*	51	40	0·01
Ardrossan ...	30·15	47	E	6	c	30·18	+ ·05	44	41	− 1	E	3	0	3	58	39	0·01
Greencastle ...	30·08	51	ESE	3	b	30·10	+ ·08	42	40	− 5	E	2	0	*	54	39	–
Donaghadee ...	30·10	47	SE	6	b	30·12	+ ·06	45	42	0	E	6	c	5	52	41	–
Kingstown ...	30·01	48	E	6	b	30·04	+ ·07	45	43	0	ESE	6	0	6	58	44	–
Holyhead ...	30·03	47	ENE	6	b	30·03	+ ·05	44	42	− 1	ENE	5	0	3	54	43	–
Liverpool (Bidston)	30·04	44	E	4	c	30·03	− ·02	44	40	− 1	ENE	3	0	2	53	42	–
Valencia	29·88	51	E	4	c	29·96	+ ·21	46	43	− 3	E	2	bm	2	53	41	–
Roche's Point...	29·92	49	E	5	bc	29·96	+ ·13	46	44	+ 1	ENE	4	0	4	52	43	0·05
Pembroke ...	29·90	50	NE	3	bc	29·91	+ ·09	43	42	− 3	NE	4	0	2	52	43	–
Portishead ...	29·94	47	NE	7	c	29·87	− ·07	43	42	0	NE	6	r	0	54	46	0·16
Scilly																	
Plymouth ...	29·84	49	E	2	0	29·80	+ ·01	43	42	− 3	NE	1	0	*	51	42	0·22
Hurst Castle ...	29·87	48	E	5	0	29·83	− ·05	45	44	− 1	E	5	r	5	53	44	0·04
Dover	29·93	45	E	6	b	29·94	− ·03	43	41	− 2	E	4	bc	4	47	41	–
London	29·97	45	ENE	5	0q	29·94	− ·03	44	42	− 2	E	4	bc	*	51	42	–
Oxford	*	*	*	*	*	29·94	− ·04	44	42	− 1	ENE	4	0	*	52	42	–
Cambridge ...	30·04	44	E	3	0	30·01	− ·03	43	42	− 1	E	2	0	*	50	40	–
Yarmouth ...	30·05	43	ENE	5	c	30·05	− ·03	43	41	+ 1	E	5	bm	4	44	40	–
The Helder... ...	*	*	*	*	*	30·14	+ ·04	42	40	0	E	2	b	*	*	*	–
Cape Gris Nez	30·30	45	ENE	6	c	29·91	− ·04	43	41	+ 2	ENE	4	c	3	48	37	–
Jersey	29·81	45	E	4	r	29·77	·00	47	47	+ 4	E	2	bm	2	49	43	0·67
Brest	29·73	59	ENE	3	0	29·80	+ ·14	48	46	− 4	N	1	r	3	64	?	0·28
L'Orient	29·71	57	E	2	bc	29·75	+ ·08	48	48	− 4	E	2	r	3	66	46	0·04
Rochefort ...	29·71	59	SW	2	c	29·76	+ ·11	52	50	0	WSW	4	m	3	?	46	0·63
Biarritz	29·66	64	SSW	1	c	29·91	+ ·30	55	54	+ 1	WSW	3	0	2	70	52	–
Corunna	*	*	*	*	*				*						*	*	*
Brussels	*	*	*	*	*	30·02	+ ·04	42	39	+ 1	E	3	b	*	51	35	–
Charleville ...	*	*	*	*	*	? 29·93	+ ·03	44	*	+ 1	E	1	b	*	*	*	*
Paris	29·80	56	ENE	3	0	29·86	+ ·02	48	42	− 4	E	4	0	*	*	*	–
Lyons	*	*	*	*	*	29·92	+ ·14	57	*	+ 4	E	2	0	*	*	*	*
Toulon	29·81	52	E	6	0	29·89	+ ·12	54	46	+ 4	E	4	0	5	54	50	–

YESTERDAY'S 2 P.M. REPORTS AND REMARKS.

	Bar.	Dry.	Wet.	Wind.		Wea.	Sea.		Bar.	Dry.	Wet.	Wind.		Wea.	Sea.
Skudesnaes ...	30·36	52	42	NNE	4	bc	3	Valencia	29·83	50	47	E	6	cm	5
Thurso	30·28	46	44	SE	4	0	3	Scilly							
Scarborough ...	30·18	42	40	ENE	4	0	4	London	29·99	47	43	E	5	0	*
Greencastle ...	30·07	52	43	SE	3	b	*	Rochefort ...	29·67	68	61	S	2	bc	3
Holyhead	30·02	53	46	ENE	6	b	4								

Pressure is increasing slowly everywhere, but the rise appears to be checked in the SW.
Winds remain easterly, to south-easterly.

EXPLANATION OF COLUMNS.

WEATHER.—*Beaufort Scale* is, b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency w. dew.

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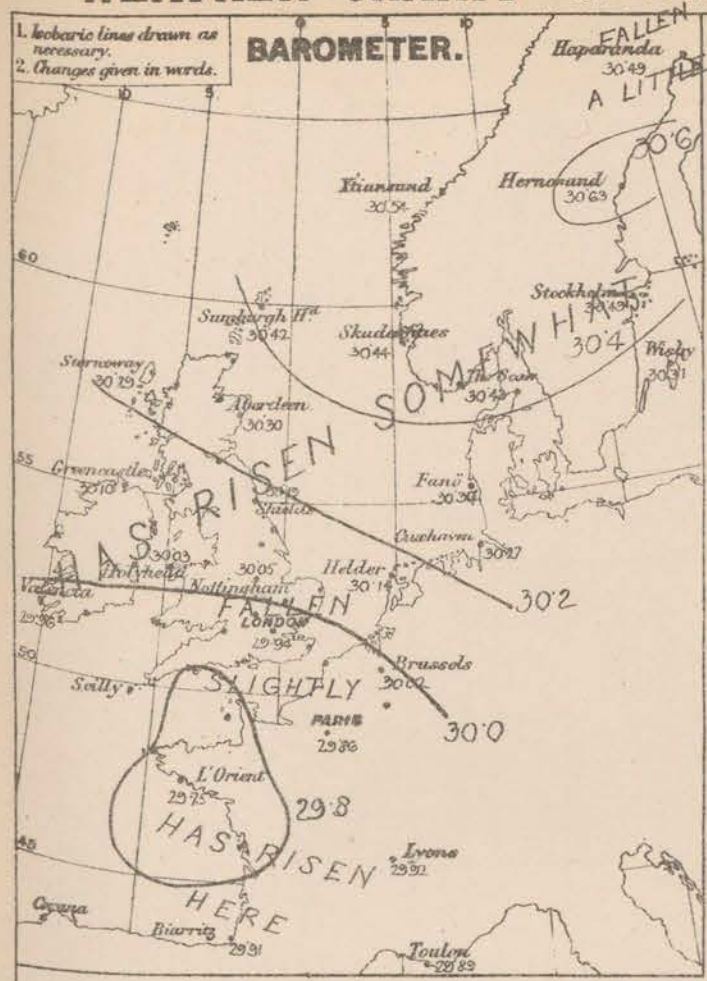
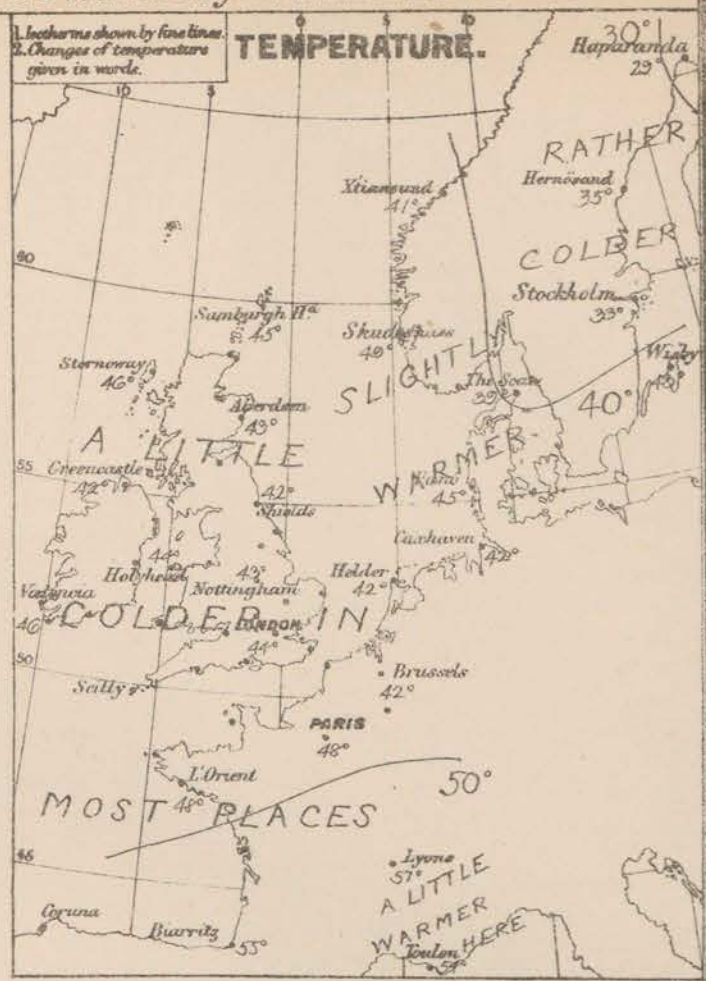
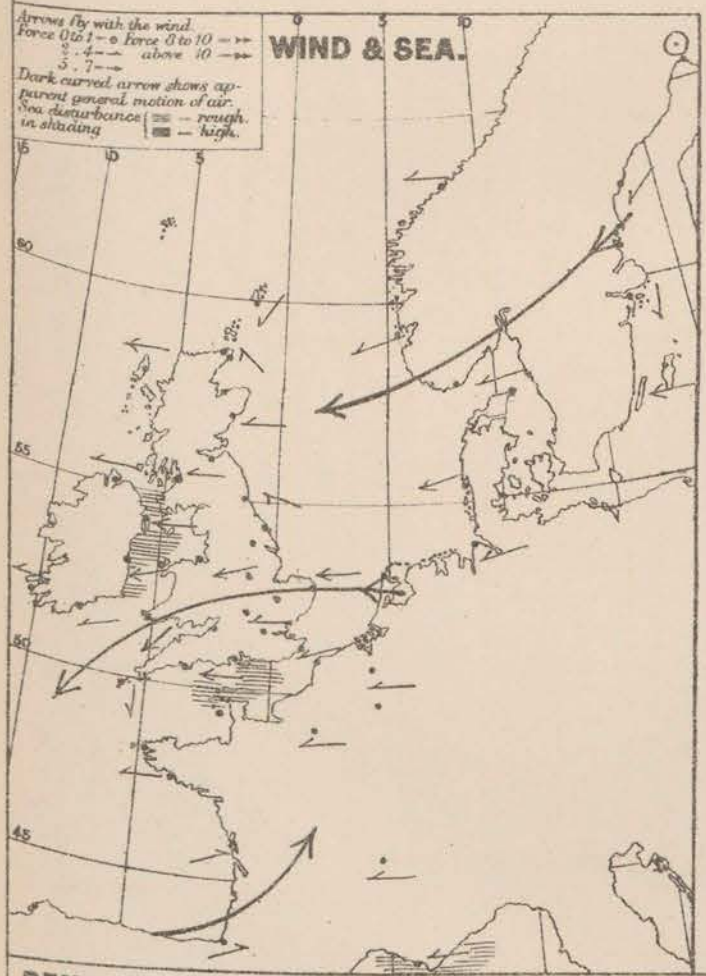
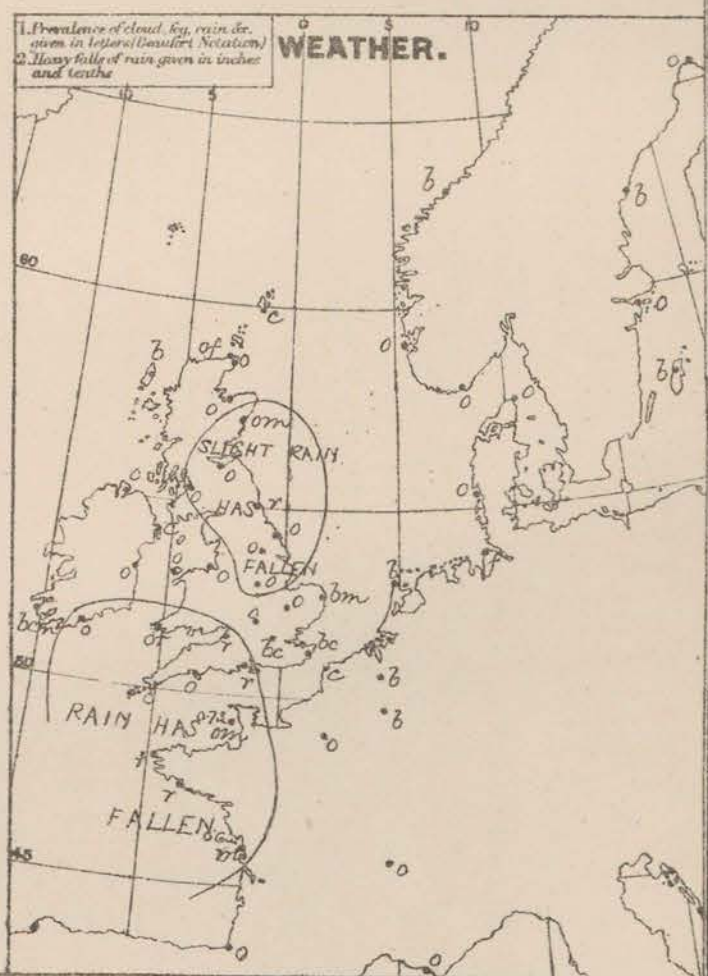
WEATHER CHARTS *for 8 a.m. on Wednesday* APRIL 10TH 1878.









REMARKS. Weather is cloudy or overcast this morning over the greater part of Western Europe; mist is reported at a few places, while at Shields, at many of our south western stations and in the north west of France rain is falling. Heavy rain has fallen at Jersey and Rocheport and slight showers have occurred on our north east coasts. Temperature has decreased a few degrees generally; it is very uniform over the whole of our area but particularly so over these Islands, where its greatest variation is only 4°. During yesterday the thermometer in the shade rose to 70° at Biarritz, to 58° at Ardrossan and 54° in London. Wind has moderated somewhat on most coasts though it still blows strongly over the Irish Sea and the Bristol Channel; it is E^ly to SE^ly in direction over these Islands and the North Sea but SW^ly in the south west of France. Sea is rough on the east coast of Ireland, moderate to slight elsewhere.

Barometrical Indications. Pressure is changing very little over Western Europe but is inclined to increase slightly except over the south of England. It is highest over the Gulf of Bothnia (30.6 ins.), while a shallow depression (29.8 ins.) lies over the west of France and mouth of the Channel.

Subscription for these Charts payable in advance to cover delivery. Delivery by hand 8/- per quarter, book post 5/- per quarter.

Meteorological Office.
116, Victoria Street, Westminster, S.W.

R.H. SCOTT.
Secretary.

Dangerfield Lith. 22 Bedford St. Covent Garden

DAILY WEATHER REPORT APRIL 11TH 1878.

STATIONS.	† YESTERDAY EVENING. Barometer at 32° F. and Sea Level.	Temp. in shade.	Wind. Direc.	Wind. Force. (0 to 12).	Weather.	8 A.M. TO DAY. Barometer. Reading at 32° F. and Sea Level.	Barometer. Difference from 8 a.m. yesterday.	Shade Temp. Dry.	Shade Temp. Wet.	Shade Temp. Difference from 8 a.m. yesterday.	Wind. Direc.	Wind. Force. (0 to 12).	Weather.	Sea. (0 to 9.)	PAST 24 HOURS. Shade Temp. Max.	Shade Temp. Min.	Amount of Rainfall.
Haparanda ...	30·37	31	Z	0	o	30·44	− ·05	38	36	+ 9	N	2	o	*	?	28	–
Hernösand ...	30·45	38	Z	0	b	30·44	− ·19	38	35	+ 3	Z	o	b	*	*	*	–
Stockholm ...	30·41	43	ENE	2	b	30·38	− ·11	41	40	+ 8	Z	o	b	*	*	*	–
Wisby	30·29	40	NE	6	b	30·28	− ·03	43	40	o	ENE	6	b	*	*	*	–
Christiansund ...	30·49	44	ENE	2	b	30·46	− ·08	41	38	o	SSE	1	b	2	50	32	–
Skudesnaes ...	30·43	49	E	4	b	30·41	− ·03	50	45	+ 1	NE	4	b	2	54	48	–
Oxö (Xtiansand)	30·40	48	NE	4	b	30·48	+ ·04	45	42	+ 4	NE	4	b	2	48	41	–
Skagen (The Skaw)	30·36	44	ENE	3	b	30·39	− ·04	42	41	+ 3	ENE	3	b	2	54	36	–
Fanö	30·26	46	ENE	4	b	30·28	− ·02	45	43	o	ENE	4	b	*	57	39	–
Cuxhaven ...	30·28	51	E	2	b	30·22	− ·05	46	44	+ 4	ENE	2	b	*	?	39	–
Sumburgh Head	30·42	45	ENE	2	c	30·40	− ·02	47	44	+ 2	NE	3	b	3	48	40	–
Stornoway	30·20	46	E	6	b	30·23	− ·06	47	46	+ 1	E	5	b	5	49	40	–
Thurso	30·37	43	ESE	3	c	30·33	·00	44	43	+ 1	ESE	1	o	2	47	42	–
Wick	30·33	43	E	3	o	30·34	·00	46	45	+ 2	E	2	b	2	47	40	–
Nairn	30·27	45	SE	2	bc	30·30	·00	45	43	+ 3	SE	1	o	2	48	38	–
Aberdeen ...	30·30	44	ESE	3	c	30·30	·00	45	44	+ 2	E	2	m	2	46	42	0·03
Leith	30·18	43	E	4	o	30·21	+ ·01	43	43	+ 1	E	3	o	*	46	41	0·01
Shields	30·18	43	E	4	c	30·20	+ ·01	45	44	+ 3	E	2	o	3	45	40	–
Scarborough ..	30·14	42	E	5	o	30·17	+ ·02	45	44	+ 3	ENE	2	c	3	46	42	–
York	30·05	45	E	3	o	30·13	+ ·01	48	46	+ 5	E	2	c	*	50	41	–
Nottingham ...	30·02	46	E	6	o	30·07	+ ·02	47	45	+ 4	SE	3	o	*	53	43	–
Ardrossan ...	30·12	47	ENE	5	c	30·17	− ·01	45	43	+ 1	ENE	4	o	3	51	43	–
Greencastle ...	30·08	45	ENE	2	o	30·10	·00	45	44	+ 3	ENE	1	o	*	46	41	–
Donaghadee ...	30·10	46	ESE	6	b	30·11	− ·01	46	44	+ 1	ENE	5	c	5	47	42	–
Kingstown ...	30·01	47	ENE	4	o	30·06	+ ·02	46	45	+ 1	ESE	4	od	5	49	44	0·03
Holyhead ...	29·98	48	ENE	5	o	30·04	+ ·01	47	45	+ 3	ENE	5	c	4	50	43	–
Liverpool (Bidston)	29·99	48	ENE	4	c	30·05	+ ·02	48	45	+ 4	ENE	3	c	1	50	43	–
Valencia	29·98	48	NNE	1	ow	30·07	+ ·11	47	45	+ 1	Z	o	om	1	49	44	–
Roche's Point...	29·96	48	E	3	c	30·06	+ ·10	46	44	o	N	2	c	3	51	44	–
Pembroke ...	29·90	44	NE	3	cm	29·98	+ ·07	47	46	+ 4	N	2	om	1	47	43	0·01
Portishead ...	29·87	44	ENE	4	r	29·93	+ ·06	47	46	+ 4	NE	3	o	3	48	40	0·76
Scilly																	
Plymouth ...	29·79	47	NE	2	o	29·94	+ ·14	48	47	+ 5	NNW	1	f	*	49	43	–
Hurst Castle ...	29·80	47	ESE	5	r	29·90	+ ·08	48	48	+ 3	SSW	1	of	2	49	43	0·45
Dover	29·90	49	E	4	c	29·97	+ ·03	46	44	+ 3	E	3	c	2	50	43	0·07
London	29·89	50	SE	3	or	29·97	+ ·03	44	44	o	NE	2	r	*	51	44	1·70
Oxford	*	*	*	*	*	29·97	+ ·03	46	45	+ 2	E	1	o	*	51	44	0·74
Cambridge ...	29·95	52	E	2	o	30·03	+ ·02	50	47	+ 7	E	1	o	*	57	43	—
Yarmouth ...	30·00	45	E	6	bm	30·07	+ ·02	45	44	+ 2	E	5	bm	4	46	41	–
The Helder. ...	*	*	*	*	*	30·13	− ·01	45	44	+ 3	ENE	2	bc	*	*	*	–
Cape Gris Nez	29·89	55	SSE	3	o	29·95	+ ·04	48	45	+ 5	SSE	3	o	2	59	43	–
Jersey	29·81	49	NNW	2	o	29·97	+ ·20	48	47	+ 1	NNW	2	om	2	50	45	0·02
Brest	29·87	57	NNW	3	o	30·02	+ ·22	48	46	o	NNW	3	o	3	?	?	–
L'Orient	29·84	52	NW	4	c	30·06	+ ·31	48	45	o	NW	3	o	3	55	43	0·04
Rochefort ...	29·90	57	WSW	6	r	30·02	+ ·26	52	50	o	NW	4	f	3	66	45	0·20
Biarritz	29·98	63	WNW	4	o	30·09	+ ·18	55	54	o	WSW	3	r	3	66	52	0·04
Corunna	*	*	*	*	*				*						*	*	*
Brussels	*	*	*	*	*	30·02	·00	47	44	+ 5	SE	2	b	*	62	42	–
Charleville ...	*	*	*	*	*	? 29·97	+ ·04	49	*	+ 5	S	1	b	*	*	*	*
Paris	29·86	55	ESE		r	29·93	+ ·07	55	54	+ 7	SE	1	r	*	*	*	0·43
Lyons	*	*	*	*	*	29·97	+ ·05	58	*	+ 1	NE	2	c	*	*	*	*
Toulon	29·94	55	W	2	b	29·91	+ ·02	54	50	o	NW	3	o	3	63	52	–

YESTERDAY'S 2 P.M. REPORTS AND REMARKS.

	Bar.	Dry.	Wet.	Wind.		Wea.	Sea.
Skudesnaes ...	30·43	54	47	E	4	b	2
Thurso	30·34	45	43	ESE	2	o	2
Scarborough ...	30·15	43	42	E	5	c	5
Greencastle ...	30·11	45	42	ENE	2	o	*
Holyhead ...	29·99	48	44	ENE	6	o	4

	Bar.	Dry.	Wet.	Wind.		Wea.	Sea.
Valencia	29·97	48	44	NE	2	om	3
Scilly							
London	29·90	50	43	E	4	o	[illegible]
Rochefort ...	29·86	55	54	W	5	o	3

Pressure still changes very little but the small depression from the N. of France appears to be advancing slowly northwards.

EXPLANATION OF COLUMNS

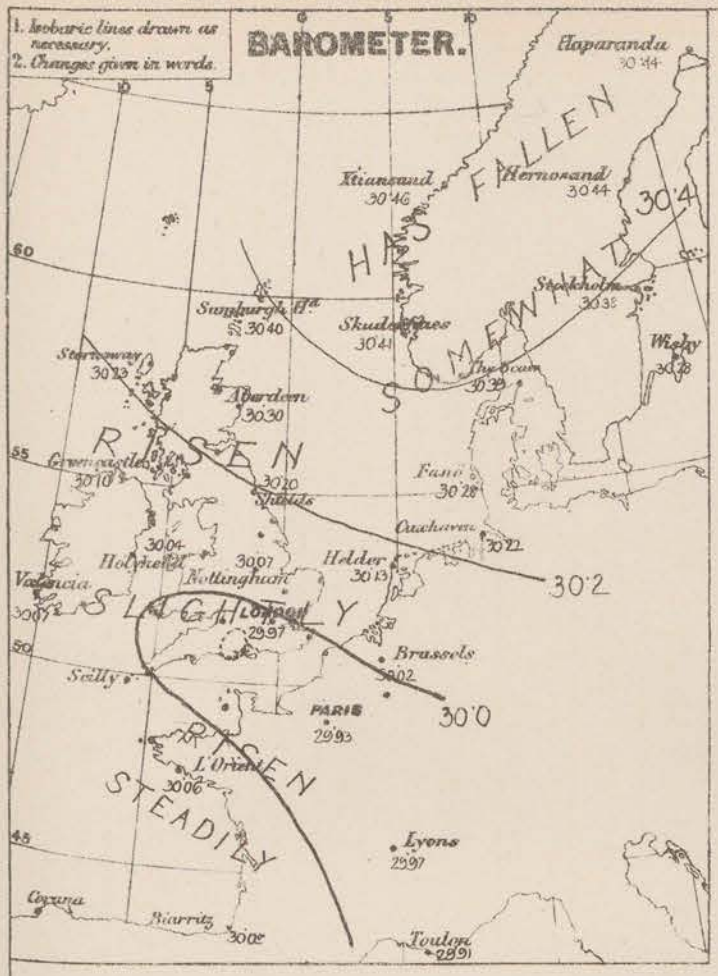
WEATHER.—*Beaufort Scale* is, b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility; unusual transparency; w. dew.

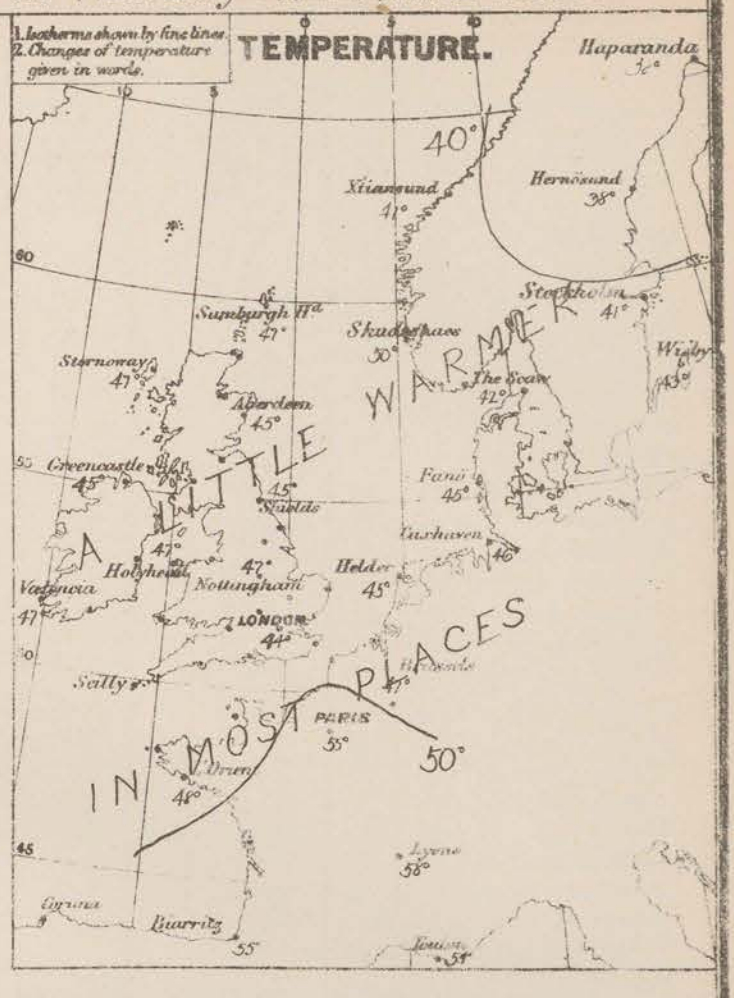
* AN ASTERISK is inserted in all places for which information is not usually received.

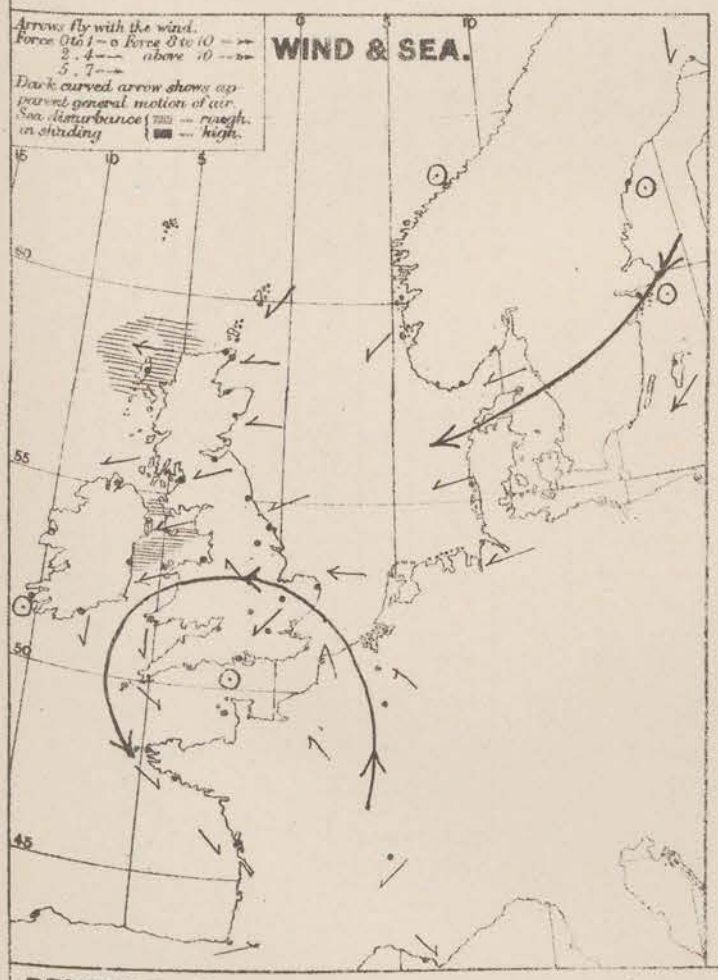
† The evening observations are taken at 6 p.m. in our Islands, at 8 p.m. (Christiania time) in Sweden, Norway, and Denmark, and at 7 p.m. (Paris time) in France.

N.B.—The wind is said to "veer" when its direction changes with the sun, and to "back" when it shifts in the opposite direction.

WEATHER CHARTS for 8 a.m. on Thursday 11TH APRIL 1878.







REMARKS. Weather is clear over Scandinavia and Denmark, in the extreme north of Scotland and in the Netherlands but is overcast or very cloudy elsewhere, with rain in Paris and London, fog in the Channel and mist in several places. Scarcely any rain has fallen except in the south, where it has been heavy, half an inch having been measured at Hurst Castle, three quarters of an inch at Oxford and Portishead and more than an inch and a half in London. Of the rainfall in London the greater portion fell between midnight and 8am. Temperature has risen a few degrees in most places; it remains very uniform over these Islands — varying only from 42° to 48°. Wind has shifted to NW over the Bay of Biscay but over the North Sea and on our coasts E to SE breezes continue; in most places the wind is moderate or light in force but in the Skagerrak and at Stornoway it increases to a fresh breeze. Sea is rather rough on the east coast of Ireland, slight elsewhere.

Barometrical Indications. Pressure is increasing slightly except over the south of Norway and Sweden. An anticyclone still lies over Scandinavia while a large area of comparatively low readings is shown over England and Ireland, a small depression lying in the neighbourhood of Hurst Castle.

10 am. A further fall of half an inch of rain has occurred in London since 8 am.

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Meteorological Office.
116, Victoria Street, Westminster, S.W.

R. H. SCOTT.
Secretary.

DAILY WEATHER REPORT APRIL 12TH 1878.

STATIONS.	† YESTERDAY EVENING. Barometer at 32° F. and Sea Level.	Temp. in shade.	Wind. Direc.	Wind. Force. (0 to 12).	Weather.	8 A.M. TO DAY. Barometer. Reading at 32° F. and Sea Level.	Barometer. Difference from 8 A.M. yesterday.	Shade Temp. Dry.	Shade Temp. Wet.	Shade Temp. Difference from 8 A.M. yesterday.	Wind. Direc.	Wind. Force. (0 to 12).	Weather.	Sea. (0 to 9.)	PAST 24 HOURS. Shade Temp. Max.	Shade Temp. Min.	Amount of Rainfall
Haparanda ...	30·49	35	Z	0	0	30·29	− ·15	35	33	− 3	S	2	0	*	45	30	–
Hernösand ...	30·52	40	NE	2	0	30·41	− ·03	36	35	− 2	Z	0	b	*	*	*	–
Stockholm ...	30·39	44	NNW	2	b	30·32	− ·06	39	37	− 2	Z	0	b	*	*	*	–
Wisby	30·24	41	NE	4	b	30·28	·00	44	40	+ 1	E	6	b	*	*	*	–
Christiansund ...	30·43	41	NNE	1	b	30·36	− ·10	35	35	− 6	ENE	1	f	1	30	28	–
Skudesnaes ...	30·38	50	NNE	4	b	30·36	− ·05	49	44	− 1	NE	4	b	2	57	?	–
Oxö (Kristiansand)	30·37	48	NE	4	b	30·37	− ·03	42	40	− 3	NNW	4	b	2	48	39	–
Skagen (The Skaw)	30·35	44	ENE	3	b	30·36	− ·03	45	42	+ 3	E	2	b	0	52	37	–
Fanö	30·27	46	ENE	4	b	30·27	− ·01	45	42	0	ENE	4	b	*	59	39	–
Cuxhaven ...	30·25	58	ENE	2	b	30·22	·00	45	43	− 1	ENE	3	b	*	50	41	–
Sumburgh Head	30·35	47	ENE	3	b	30·32	− ·08	45	44	− 2	SE	1	b	0	53	39	–
Stornoway	30·20	51	E	5	bc	30·16	− ·07	48	45	+ 1	Z	0	b	0	52	43	–
Thurso	30·30	47	ESE	2	bo	30·26	− ·07	44	43	0	SSE	2	c	2	56	39	–
Wick	30·32	46	SE	3	b	30·28	− ·06	45	44	− 1	SE	2	c	2	50	39	–
Nairn	30·27	53	SE	2	b	30·26	− ·04	40	38	− 5	Z	0	bo	1	56	36	–
Aberdeen ...	30·29	46	ENE	1	0	30·29	− ·01	45	44	0	E	1	f	1	51	41	–
Leith	30·22	44	E	3	0	30·23	+ ·02	42	42	− 1	E	2	0	*	52	33	–
Shields	30·24	45	E	2	bo	30·25	+ ·05	47	45	+ 2	E	1	b	2	50	37	–
Scarborough .	30·21	44	NE	2	b	30·23	+ ·06	48	46	+ 3	NNE	1	bc	2	48	41	–
York	30·18	50	E	2	bc	30·24	+ ·11	39	39	− 9	N	1	b	*	61	31	–
Nottingham ...	30·14	50	ENE	3	b	30·23	+ ·16	41	41	− 6	NE	2	of	*	64	38	–
Ardrossan ...	30·14	60	NE	4	b	30·17	·00	44	41	− 1	NE	3	om	2	65	42	–
Greencastle ...	30·09	54	SSE	2	bc	30·08	− ·02	46	46	+ 1	N	1	r	*	58	44	0·20
Donaghadee ...	30·11	46	SE	3	b	30·14	+ ·03	46	44	0	SE	4	c	3	55	45	–
Kingstown ...	30·09	51	Z	0	c	30·11	+ ·05	49	48	+ 3	SE	3	of	2	57	45	0·02
Holyhead ...	30·07	55	S	1	0	30·13	+ ·09	50	49	+ 3	S	1	c	0	58	46	–
Liverpool (Bidston)	30·08	57	E	3	b	30·17	+ ·12	48	44	0	E	2	b	1	62	41	–
Valencia	30·11	51	SSW	2	cm	29·98	− ·09	49	48	+ 2	SE	3	odg	3	56	46	0·03
Roche's Point...	30·10	48	W	2	bc	30·08	+ ·02	50	48	+ 4	S	3	c	3	55	45	–
Pembroke ...	30·07	50	Z	0	om	30·10	+ ·2	47	46	0	ESE	2	om	0	53	45	–
Portishead ...	30·04	53	NE	2	0	30·13	+ ·20	44	43	− 3	NNE	3	0	2	54	40	–
Scilly																	
Plymouth ...	30·06	53	NNW	1	0	30·11	+ ·17	50	49	+ 2	Z	0	of	*	57	48	–
Hurst Castle ...	30·03	49	E	3	om	30·14	+ ·24	46	45	− 2	E	2	bomw	2	51	39	–
Dover	30·02	51	ENE	3	c	30·16	+ ·19	52	47	+ 6	ENE	2	b	0	53	45	–
London	30·07	53	E	2	bc	30·16	+ ·19	47	45	+ 3	ENE	2	bm	*	53	40	1·07
Oxford	*	*	*	*	*	30·19	+ ·22	41	40	− 5	NE	1	of	*	55	38	–
Cambridge ...	30·10	55	ESE	1	b	30·20	+ ·17	40	40	− 10	NE	1	f	*	65	33	–
Yarmouth ...	30·10	46	ENE	5	bm	30·21	+ ·14	46	44	+ 1	E	2	b	2	48	41	–
The Helder. ...	*	*	*	*	*	30·19	+ ·06	46	45	+ 1	NE	1	b	*	*	*	–
Cape Gris Nez	30·02	46	W	1	0	30·17	+ ·22	46	45	− 2	NE	1	b	1	54	43	–
Jersey	30·08	48	NW	2	f	30·16	+ ·19	45	45	− 3	Z	0	f	0	51	43	0·01
Brest	30·18	?	NNW	3	0	30·17	+ ·15	46	45	− 2	N	1	m	3	54	?	–
L'Orient	30·13	50	NW	4	0	30·15	+ ·09	48	45	0	NNW	2	m	3	52	43	–
Rochefort ...	30·12	50	NW	4	0	30·13	+ ·11	52	50	0	NW	4	0	3	59	45	–
Biarritz	30·17	59	WNW	3	0	30·16	+ ·07	54	52	− 1	ENE	3	0	3	?	48	0·12
Corunna	*	*	*	*	*				*						*	*	*
Brussels	*	*	*	*	*	30·14	+ ·12	46	44	− 1	E	2	b	*	65	42	–
Charleville ...	*	*	*	*	*	? 30·04	+ ·07	50	*	+ 1	E	3	b	*	*	*	*
Paris	30·01	49	NW	3	0	30·08	+ ·15	47	46	− 8	NW	1	b	*	*	*	0·08
Lyons	*	*	*	*	*	30·04	+ ·07	53	*	− 5	NW	6	f	*	*	*	*
Toulon	29·84	63	NW	4	b	29·84	− ·07	50	46	− 4	NW	6	b	6	68	?	–

YESTERDAY'S 2 P.M. REPORTS AND REMARKS.

	Bar.	Dry.	Wet.	Wind.		Wea.	Sea.
Skudesnaes ...	30·38	57	46	NW	2	b	2
Thurso	30·32	53	48	ESE	3	bc	3
Scarborough ...	30·20	45	44	ENE	2	0	3
Greencastle ...	30·11	55	50	SE	2	b	*
Holyhead	30·07	52	51	ENE	5	0	3

	Bar.	Dry.	Wet.	Wind.		Wea.	Sea.
Valencia	30·10	55	48	SSW	1	bcm	2
Scilly							
London	30·05	50	48	ESE	1	om	*
Rochefort ...	30·10	54	50	NW	4	c	3

No important change.

EXPLANATION OF COLUMNS.

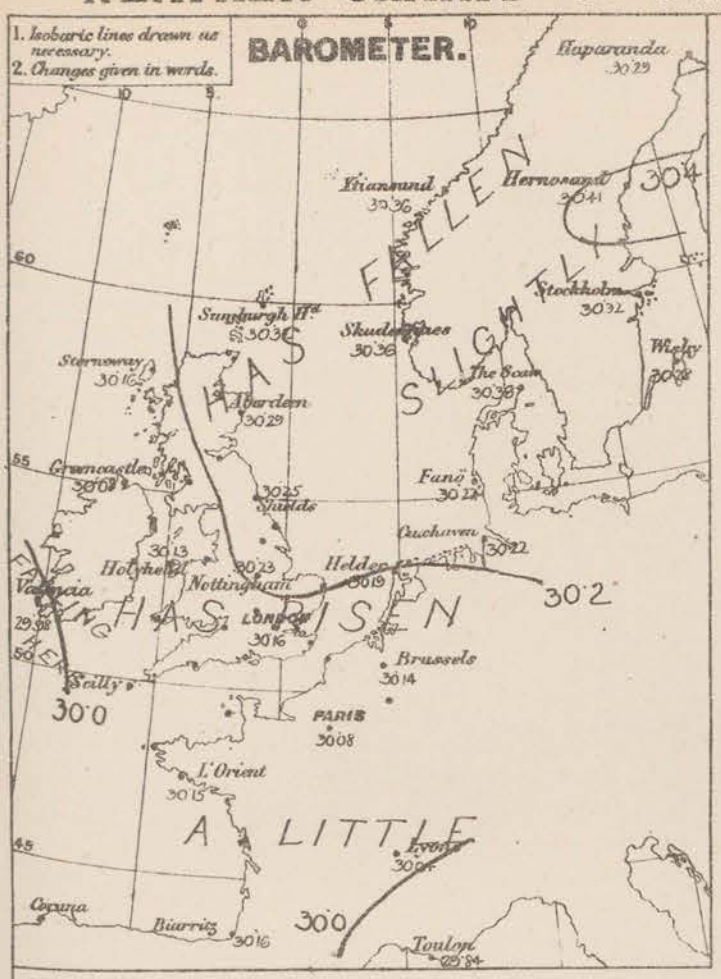
WEATHER.—*Beaufort Scale* is, b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.

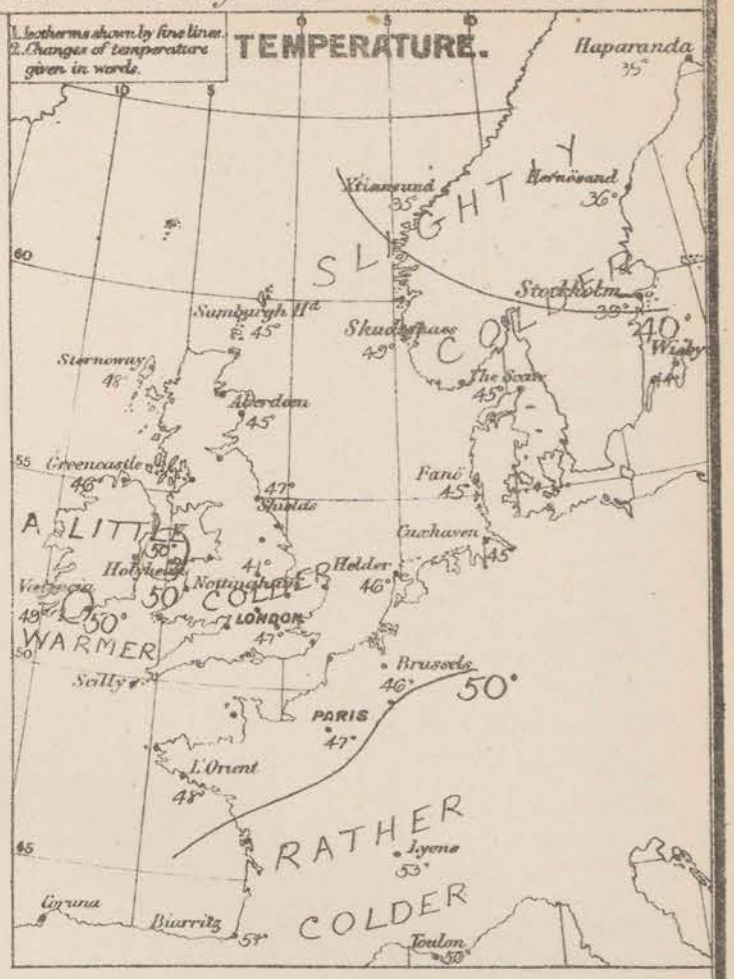
* AN ASTERISK is inserted in all places for which information is not usually received.

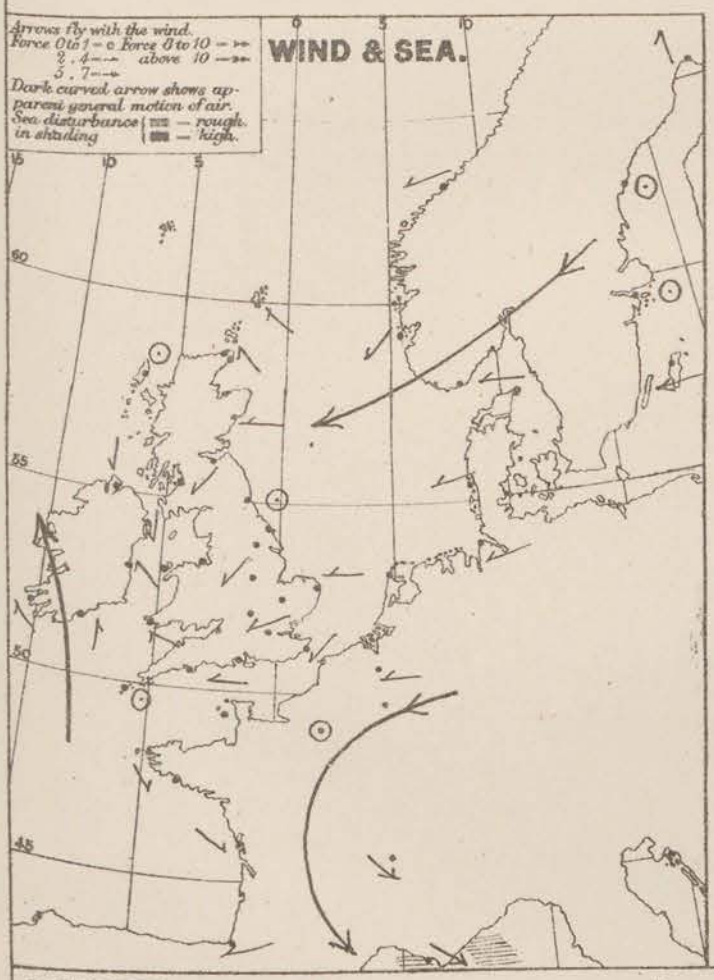
† The evening observations are taken at 6 p.m. in our Islands, at 8 p.m. (Christiania time) in Sweden, Norway, and Denmark, and at 7 p.m. (Paris time) in France.

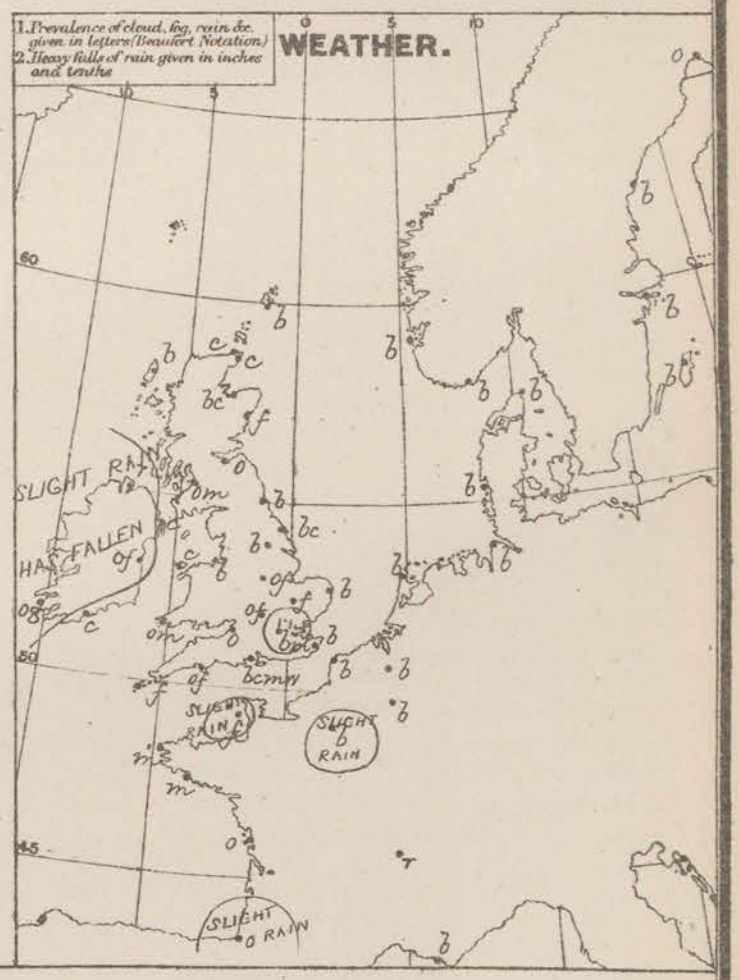
N.B.—The wind is said to "veer" when its direction changes *with the sun*, and to "back" when it shifts in the opposite direction.

WEATHER CHARTS *for 8 a.m. on Friday 12th April 1878.*









REMARKS. Weather is cloudy or overcast in the west of France and at many of our western stations, with rain at Valentia and Greencastle; elsewhere the sky is clear or nearly so though a great deal of fog and mist prevails, more particularly over the western portion of the Channel. Rather more than an inch of rain fell in London yesterday but in all other parts of the country except at a few of our western stations the weather has been dry. Temperature has fallen several degrees over Central England but elsewhere the changes have been slight and generally upward. Wind is light on all coasts for the E^ly over Great Britain but from SE or S over Ireland while in the west of France NW^ly breezes still continue. Sea is smooth or slight.

Barometrical Indications. Pressure is giving way in the west of Ireland, over Scotland and Scandinavia, but is increasing slowly in other parts of our area. A large area of high readings still lies over Norway, Sweden and the North Sea, while pressure is comparatively low both in the south of France and off Ireland.

Subscription for these Charts payable in advance to cover delivery. Delivery by hand 10/ per quarter, book post 5/ per quarter.

Meteorological Office,
116, Victoria Street, Westminster, S.W.

R.H. SCOTT.
Secretary.

DAILY WEATHER REPORT APRIL 13TH 1878.

STATIONS.	† YESTERDAY EVENING. Barometer at 32° F. and Sea Level.	Temp. in shade.	Wind. Direc.	Wind. Force. (0 to 12).	Weather.	3 A.M. TO DAY. Barometer. Reading at 32° F. and Sea Level.	Barometer. Difference from 3 a.m. yesterday.	Shade Temp. Dry.	Shade Temp. Wet.	Shade Temp. Difference from 3 a.m. yesterday.	Wind. Direc.	Wind. Force. (0 to 12).	Weather.	Sea. (0 to 9.)	PAST 24 HOURS. Shade Temp. Max.	Shade Temp. Min.	Amount of Rainfall
Haparanda ...	30·11	33	SW	2	b	29·82	− ·47	33	32	− 2	S	4	o	*	41	27	–
Hernösand ...	30·16	34	~	0	b	29·98	− ·43	45	39	+ 9	NNW	2	b	*	*	*	–
Stockholm ...	30·23	38	S	2	b	30·05	− ·27	46	41	+ 7	SW	2	b	*	*	*	–
Wisby	30·21	39	SE	4	b	30·11	− ·17	41	39	− 3	SSE	4	b	*	*	*	–
Christiansund ...																	
Skudesnaes ...	30·27	45	WNW	1	bc	30·18	− ·18	46	42	− 3	ESE	2	o	2	57	45	–
Oxö (Xtiansand)	30·28	47	N	1	b	30·20	− ·17	39	37	− 3	NNW	2	b	2	46	36	–
Skagen (The Skaw)	30·26	45	N	0	b	30·20	− ·16	48	42	+ 3	N	2	b	0	57	34	–
Fanö	30·23	48	E	4	b	30·19	− ·08	48	44	+ 3	E	2	b	*	59	39	–
Cuxhaven ...	30·17	53	E	2	b	30·19	− ·03	47	46	+ 2	ENE	2	b	*	55	41	–
Sumburgh Head	30·25	47	ENE	2	c	30·14	− ·18	44	43	− 1	ENE	3	c	2	52	39	–
Stornoway	30·05	50	E	1	om	29·89	− ·27	? 46	44	− 2	ESE	5	o	2	52	43	–
Thurso	30·13	48	SE	2	c	30·04	− ·22	46	44	+ 2	SE	2	c	2	55	31	–
Wick	30·16	45	SE	3	bc	30·07	− ·21	45	44	0	SE	2	c	2	53	41	–
Nairn	30·11	56	SE	1	bc	? 30·01	− ·25	47	45	+ 7	SE	1	o	1	59	40	–
Aberdeen ...	30·18	47	SSE	1	b	30·06	− ·23	44	43	− 1	SE	1	o	1	53	42	0·01
Leith	30·07	48	E	3	c	29·97	− ·26	45	44	+ 3	E	1	o	*	54	41	–
Shields	30·14	45	E	1	c	30·03	− ·22	45	44	− 2	ESE	1	o	2	49	42	–
Scarborough ..	30·16	44	ESE	2	o	30·04	− ·19	44	43	− 4	SE	2	o	2	49	43	–
York	30·13	50	ESE	1	c	30·04	− ·20	48	46	+ 9	S	1	o	*	61	37	–
Nottingham ...	30·21	58	SE	3	c	30·02	− ·21	55	49	+ 14	SSE	3	o	*	66	41	–
Ardrossan ...	30·02	57	ESE	3	om	29·89	− ·28	48	46	+ 4	E	3	tm	2	61	44	0·59
Greencastle ...	29·95	48	ESE	1	r	29·66	− ·42	48	47	+ 2	SE	5	r	*	49	45	0·86
Donaghadee ...	30·07	46	SSE	2	r	29·78	− ·36	46	46	0	SSE	5	r	4	52	45	0·54
Kingstown ...	29·99	50	SSE	4	m	29·71	− ·40	49	48	0	SSE	5	r	4	52	46	0·35
Holyhead ...	30·03	52	SSW	1	m	29·82	− ·31	50	49	0	SSE	5	r	3	59	49	0·44
Liverpool (Bidston)	30·06	58	ESE	2	o	29·92	− ·25	48	46	0	ESE	3	r	1	62	47	0·02
Valencia	29·73	57	SE	6	rg	29·59	− ·39	52	51	+ 3	S	5	og	2	54	48	1·15
Roche's Point...	29·82	50	SSE	6	r	29·68	− ·40	50	50	0	SSW	4	f	4	53	49	0·96
Pembroke ...	30·02	50	SE	3	m	29·80	− ·30	47	47	0	SSE	6	tm	4	52	45	0·62
Portishead ..	30·10	53	SE	3	o	29·95	− ·18	50	50	+ 6	SE	3	r	3	64	41	0·05
Scilly																	
Plymouth ...	30·06	53	SE	2	o	29·93	− ·18	48	48	− 2	SE	3	or	*	59	48	0·45
Hurst Castle ...	30·11	55	SE	4	bc	30·01	− ·13	51	48	+ 5	S	4	o	4	60	44	–
Dover	30·13	52	E	3	b	30·09	− ·07	51	47	− 1	S	1	bc	0	53	43	–
London	30·14	56	SE	2	bc	30·07	− ·09	51	48	+ 4	SSE	2	o	*	63	41	–
Oxford	*	*	*	*	*	30·01	− ·18	50	47	+ 9	SE	1	o	*	60	41	–
Cambridge ...	30·12	56	ESE	1	bc	30·05	− ·15	48	47	+ 8	ESE	1	o	*	66	39	–
Yarmouth ...	30·17	46	NE	2	bm	30·10	− ·11	46	45	0	SE	1	bm	1	49	42	–
The Helder... ...	*	*	*	*	*	30·06	− ·13	50	48	+ 4	E	1	b	*	*	*	–
Cape Gris Nez	30·15	46	NE	3	b	30·10	− ·07	54	48	+ 8	SE	2	c	1	?	46	–
Jersey	30·11	45	NW	1	f	30·04	− ·12	50	49	+ 5	SSE	2	om	2	53	45	–
Brest	30·10	54	S	2	r	29·97	− ·20	50	45	+ 4	S	4	m	4	55	?	0·32
L'Orient	30·11	52	N	1	o	30·02	− ·13	50	48	+ 2	S	3	o	3	57	46	0·04
Rochefort ...	30·10	55	WNW	2	o	30·04	− ·09	50	50	− 2	SE	2	o	3	61	46	–
Biarritz	30·05	57	NNE	3	o	30·01	− ·15	52	48	− 2	ENE	3	o	3	59	45	–
Corunna	*	*	*	*	*				*						*	*	*
Brussels	*	*	*	*	*	30·14	·00	51	45	+ 5	SW	1	b	*	61	42	–
Charleville ...	*	*	*	*	*	? 30·10	+ ·06	43	*	− 7	S	1	b	*	*	*	*
Paris	30·07	55	E	3	b	30·13	+ ·05	45	44	+ 1	ESE	2	b	*	*	*	–
Lyons	*	*	*	*	*	30·11	+ ·07	50	*	− 3	N	2	b	*	*	*	*
Toulon	29·83	55	W	1	b	29·93	+ ·09	52	48	+ 2	E	2	b	5	61	48	–

YESTERDAY'S 2 P.M. REPORTS AND REMARKS.

	Bar.	Dry.	Wet.	Wind.		Wea.	Sea.		Bar.	Dry.	Wet.	Wind.		Wea.	Sea.
Skudesnaes ...	30·28	57	49	SSW	2	b	2	Valencia	29·86	51	49	ESE	5	rg	5
Thurso	30·19	54	48	SE	2	bm	2	Scilly							
Scarborough ...	30·19	45	44	ESE	2	b	2	London	30·16	58	49	E	2	bm	*
Greencastle ...	30·04	48	47	ESE	2	r	*	Rochefort ...	30·11	57	54	NW	3	bc	5
Holyhead	30·07	55	52	SSW	2	o	1								

Pressure is decreasing except in the SE. of England - most at Valentia, where the SE^y wind has increased to a fresh breeze with rain.

EXPLANATION OF COLUMNS

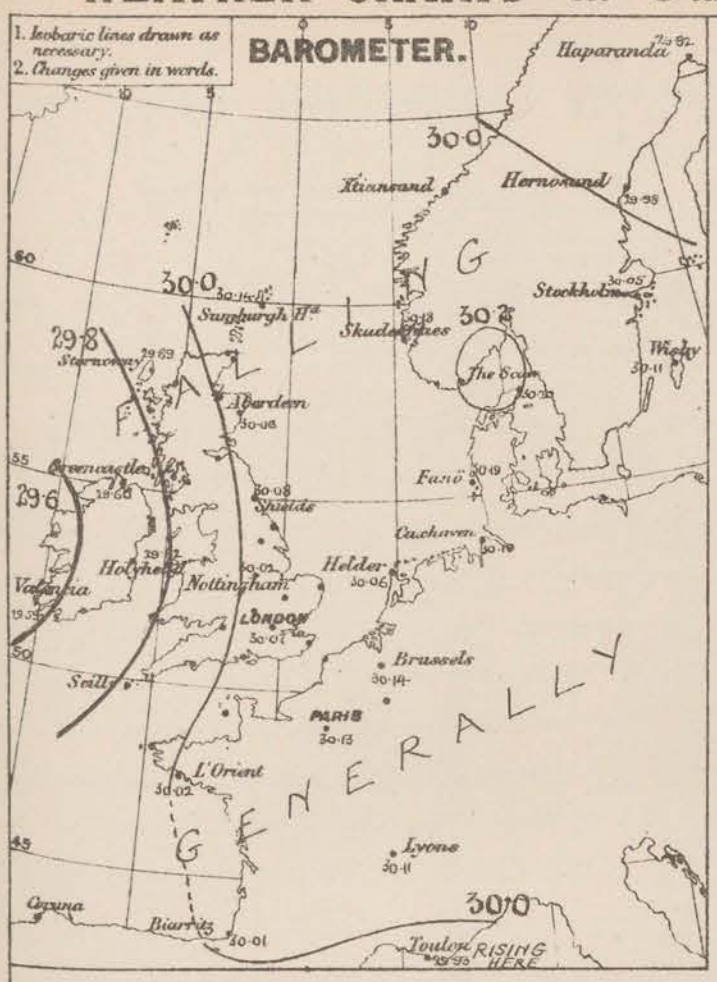
WEATHER.—*Beaufort Scale* is, b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. exhibit unusual transparency; w. dew.

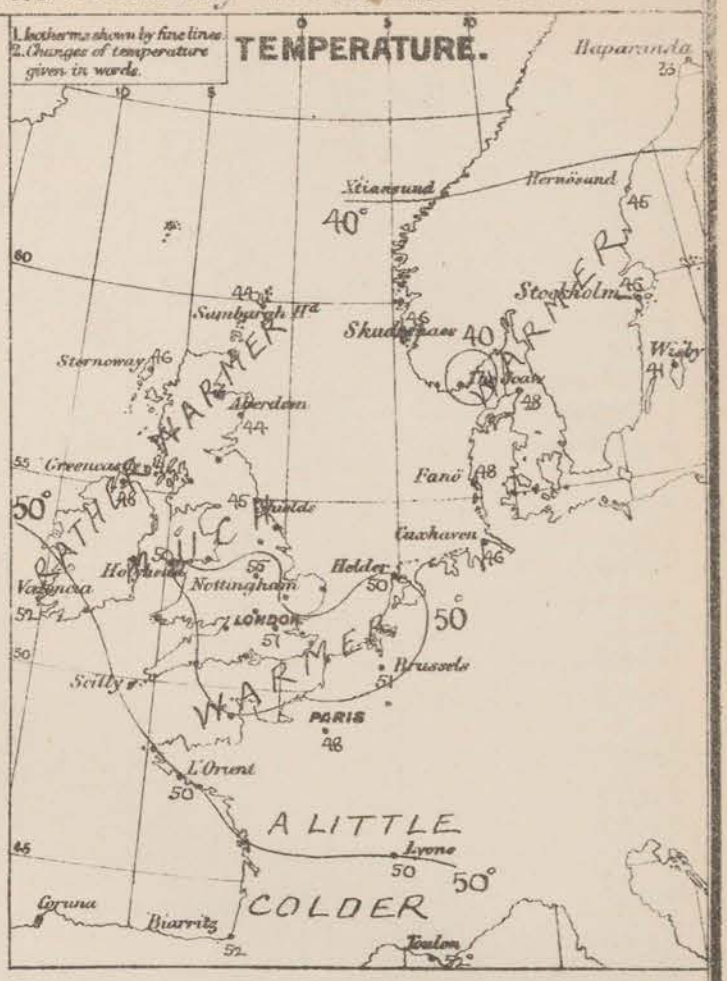
* AN ASTERISK is inserted in all places for which information is not usually received.

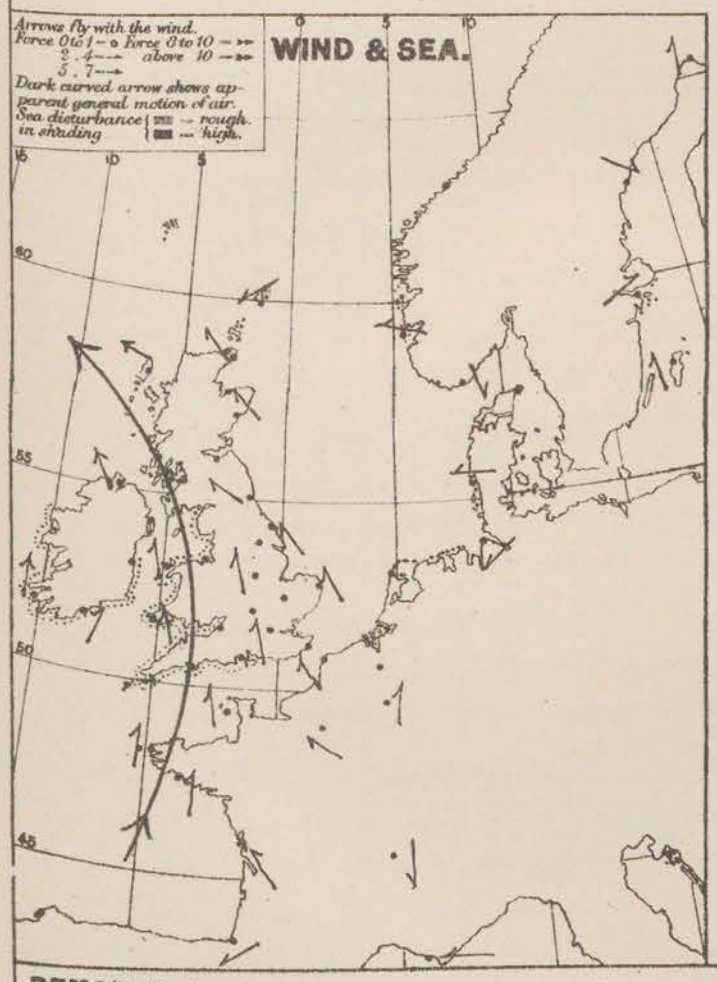
† The evening observations are taken at 6 p.m. in our Islands, at 8 p.m. (Christiania time) in Sweden, Norway, and Denmark, and at 7 p.m. (Paris time) in France.

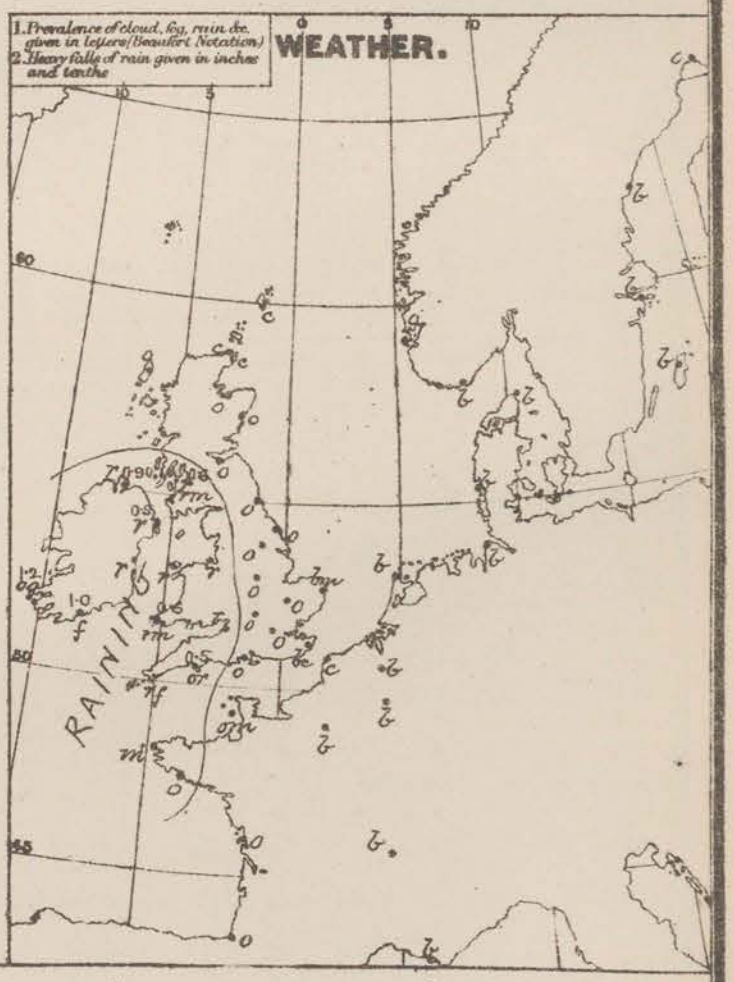
N.B.—The wind is said to "veer" when its direction changes with the sun, and to "back" when it shifts in the opposite direction.

WEATHER CHARTS for 8 a.m. on Saturday 13. April 1878.









Doubtful line is drawn towards the coasts where the signals are up.

REMARKS. Weather is clear in the countries to the E^ward of the North Sea, the Netherlands and the E. of France, but is overcast in all other places with rain fog and mist at our W^ern and NW^ern stations. Heavy rain has occurred in the W. of Scotland, the SW. of England and over Ireland, more than an inch having been measured at Valentia, nearly an inch at Falmouth, 0·9in at Rosslare Point, and 0·86in at Pencastle, but over the remainder of our area the weather has been dry. Lunar halos were seen over Central England last evening. Temperature has risen in most places – several degrees over Central England; it at present varies from 44° to 48° over Scotland, from 46° to 52° over Ireland, and from 41° to 55° over England. Wind is S^ly to SE^ly on all coasts, and though light in the E. and S. blows freshly in the W. Sea is moderate to smooth.

Barometrical Indications. Pressure is decreasing over the whole of W^n Europe, the greatest change being reported from the N. of Ireland. A large area of uniformly high pressure lies over the North Sea, the S. of Scandinavia, N. Germany, and the E. of France, while an extensive depression is shown to the W^ward of Ireland. Warnings. The S. of Ireland was warned for a SE^ly gale yesterday afternoon, and the warnings were extended to the W and SW coasts in the evening.

Subscription for these charts payable in advance to cover delivery. Delivery by hand 1/- per quarter, book post 5/- per quarter.

Meteorological Office,
116, Victoria Street, Westminster, S.W.

R. H. SCOTT.
Secretary.

SUMMARY OF WEATHER IN WESTERN EUROPE

from APRIL 7TH **to** APRIL 13TH 1878.

(Issued Weekly as a Supplement to the "Daily Weather Report.")

During this week a complete change has come over the distribution of pressure over Western Europe. For the greater part of the time pressure was highest in the N. of Sweden, and depressions advanced to our SW. coast from the Bay of Biscay; that of Sunday and Monday occasioned rather steep gradients, and a strong to moderate SE. gale prevailed all round our coast. The second disturbance which advanced from the same quarter brought no great increase of wind, but was remarkable for the very heavy downpour of rain which it occasioned in the neighbourhood of London. On Saturday a complete change was shown, the area of high pressure had extended S. over North Germany and the East of France, while a rather well marked depression was passing N. along our W. coast; in consequence the SE. winds had given way to S. breezes. Temperature rose several degrees on the last day of the week, but otherwise the changes have been slight and readings exceptionally uniform; on Wednesday its greatest variation over these Islands was only 4°. Weather has been rather unsettled, but has been generally dry with the exception mentioned above.

APRIL 7TH The barometer was falling over France as well as on our S. and SW. coast, but was rising elsewhere. A large area of high pressure (30.2 ins.) extended across Norway and the North Sea to our SE. coast, where readings decreased to 29.9 ins. at Yarmouth, to 29.8 ins. at Valentia, and to 29.7 ins. at Biarritz. Wind was E. over the Bay of Biscay, and SE. over these Islands, while over Sweden and Denmark it was N.; it was light in force generally, but blew freshly in the South-west. Temperature had risen and varied over these Islands from 48° at Valentia, to 39° at Shields. Weather clear and dry in nearly all parts of Western Europe, rain being reported from Corunna and Biarritz. In the evening the mercury was still falling briskly in the SW. where the wind had increased to a moderate to hard gale.

APRIL 8TH The barometer had risen over Norway and Denmark, but fallen over the whole of these Islands briskly in the SW. Readings varied from 30.39 ins. at Oxa to 29.49 ins. at Valentia and gradients were rather steep over the British Isles. The wind was SE. on all coasts and varied from a strong breeze to a moderate to hard gale. Temperature had risen and varied from 51° at Valentia to 38° at Nairn. Weather was wet in the SW. but was dry elsewhere, though scarcely as clear as on the previous day. Later Reports showed that the barometer was rising somewhat in the N. while the wind had fallen lighter.

APRIL 9TH The recovery in pressure noticed on the previous evening had continued and extended and the barometer was rising over the whole of these Islands and Scandinavia, but in the N. of France a slight fall was shown caused by a small shallow depression which lay over the Bay of Biscay. The highest pressures were still reported from the N. of Sweden. Wind was NE. on the E. shores of the North Sea, E. on our East coast and over France, S. in Scotland; it was moderate in the East, but blew strongly in the N. and SW. Temperature was a little higher in the N. and lower in the S. than on the 8th and had become very uniform over Western Europe. Weather was fine and dry except in the SW. where slight rain had fallen and was continuing. At 6 P.M. the barometer was rising except in the SE. and the wind falling lighter.

APRIL 10TH. The general distribution of pressure was not much changed except that the shallow depression which on the previous day lay over the Bay of Biscay had advanced N^ward and was shown over the NW. of France and the mouth of the Channel. The highest readings continued steadily over the N. of Sweden. Pressure was increasing except in the S. and SE. of England – the change in the SW. of France being rather break. Wind had shifted to SW. at Biarritz and Rochefort, but elsewhere the E^ly breezes continued though not blowing with the same force as on Tuesday. Temperature had fallen slightly in most places and remained exceedingly uniform. Weather had become overcast with rain in the W. of France and SW. of England. The 6 P.M. Report showed that the centre of the shallow depression noticed above lay between Hurst Castle and Plymouth, while the wet weather had extended to London. During the night a fall of rain occurred, which while rather heavy both at Oxford and Portishead was extraordinarily so in London, where from midnight to 8 am on the 11th the fall was at the rate of two tenths per hour at Brixton and even heavier at Greenwich. This very heavy fall seems to have been very local.

APRIL 11TH. Pressure remained highest over Scandinavia, and lowest over the Channel and France, but the mercury having fallen at all the Norwegian and Swedish stations, while it had risen in the S., gradients had become slighter. Wind was NW^ly over the Bay of Biscay, but was NE^ly to E^ly elsewhere; it was moderate or light in force on nearly all coasts. Temperature had increased slightly generally. Weather was clear on the E^rn shores of the North Sea, in the Netherlands, and NE. of France but overcast elsewhere, with exceedingly heavy rains in London. Very little change occurred during the day beyond a slight rise of the barometer in the S. and fall in the N. The rain ceased in London soon after 2 P.M., the total fall in the 24 hours being 2·8 in. In other parts of the country the weather had been dry.

APRIL 12TH. Pressure was increasing over England and France, but was decreasing both over Norway and Sweden and at our W^rn stations. The area of high barometer still held in the N. while readings were comparatively low in the SW. of Ireland and SE. of France. In consequence while NE^ly breezes still held over the North Sea, a NW^ly current was reported from the French stations, and S^ly breezes on our W. coasts. The wind was moderate on nearly all coasts and very light in the E. Temperature had fallen several degrees over central England, but risen slightly in most other districts. Weather was clear in the E. and SE. and on the E^rn shores of the North Sea, but dull in the W. with a good deal of fog and mist. During the day the barometer fell everywhere – most in the S. of Ireland, towards which coast a rather deep depression was advancing.

APRIL 13TH. The mercury was falling over the whole of Western Europe, the change being least in the SE. and greatest in the N. of Ireland. A large area of high readings lay over the S. of Scandinavia, the North Sea, North Germany and the E. of France, while the depression noticed on the previous evening was passing slowly N^ward along the W. coast of Ireland. Wind was S^ly or SSE^ly, light in force in the E. but fresh or strong in the W. Temperature had fallen over France but risen in all other places – particularly over central England. Weather was clear within the area of high pressure, but overcast at all but our SE^rn stations. The barometer rose in the N. and SW. during the day and the wind veered. In London a sharp shower occurred in the afternoon.

Meteorological Office,
116 Victoria Street, Westminster, S.W.
ROBERT H. SCOTT, Secretary.

DAILY WEATHER REPORT APRIL 14TH 1878.

STATIONS.	† YESTERDAY EVENING. Barometer at 32° F. and Sea Level.	Temp. in shade.	Wind. Direc.	Wind. Force. (0 to 12).	Weather.	8 A.M. TO DAY. Barometer. Reading at 32° F. and Sea Level.	Barometer. Difference from 8 a.m. yesterday.	Shade Temp. Dry.	Shade Temp. Wet.	Shade Temp. Difference from 8 a.m. yesterday.	Wind. Direc.	Wind. Force. (0 to 12).	Weather.	Sea. (0 to 9.)	PAST 24 HOURS. Shade Temp. Max.	Shade Temp. Min.	Amount of Rainfall.
Haparanda ...	29.65	31	SW	2	b	29.62	− .20	34	31	+ 1	NW	2	o	*	43	27	–
Hernösand ...	29.99	40	NNW	8	b	29.91	− .07	40	35	− 5	WNW	4	b	*	*	*	–
Stockholm ...	29.95	32	WNW	2	bc	29.98	− .07	42	38	− 4	Z	o	b	*	*	*	–
Wisby	29.99	45	W	4	c	30.00	− .11	41	38	o	W	6	b	*	*	*	–
Christiansund ...	30.10	38	WNW	3	b	29.93	− .21	37	36	− 3	SE	1	bc	4	41	28	0.04
Skudesnaes ...	30.06	46	ESE	2	c	29.95	− .23	45	42	− 1	SSE	6	r	4	52	46	–
Oxö (Christiansand)	30.09	46	SW	2	o	30.01	− .19	41	39	+ 2	N	2	c	1	46	37	–
Skagen (The Skaw)	30.08	44	WNW	2	o	30.03	− .17	48	44	o	Z	o	c	0	34	36	–
Fanö	30.08	51	Z	o	c	30.01	− .18	51	49	+ 3	W	1	c	*	59	46	–
Cuxhaven ...	30.13	56	NNE	1	c	30.07	− .12	53	53	+ 6	SSW	1	b	*	52	45	–
Sumburgh Head	30.01	46	E	3	c	29.81	− .33	45	44	+ 1	ESE	2	r	4	49	41	0.01
Stornoway	29.76	47	SE	4	r	29.69	− .20	50	49	+ 4	S	1	o	0	51	44	0.09
Thurso	29.91	47	ESE	3	o	29.73	− .31	48	47	+ 2	SSW	1	c	2	53	44	–
Wick	29.91	45	SE	4	d	29.73	− .24	52	50	+ 7	S	1	bc	1	52	42	0.01
Nairn	29.86	51	SE	1	o	29.75	− .26	48	46	+ 1	Z	o	o	1	54	43	0.01
Aberdeen ...	29.92	45	SE	2	r	29.78	− .28	51	49	+ 7	SSW	1	c	2	51	44	0.08
Leith	29.83	48	SE	1	r	29.79	− .18	50	49	+ 5	Z	o	o	*	54	43	0.12
Shields	29.90	47	SSE	3	r	29.89	− .14	54	51	+ 9	NSW	3	c	2	54	44	0.07
Scarborough .	29.94	46	SSE	1	o	29.92	− .12	55	52	+ 11	NSW	2	c	2	56	44	–
York	29.93	52	S	2	m	29.94	− .10	53	51	+ 5	SW	1	bc	*	60	46	0.07
Nottingham ...	29.98	51	S	4	r	29.97	− .05	56	52	+ 1	S	3	bc	*	61	49	0.09
Ardrossan ...	29.78	51	ESE	2	r	29.80	− .09	50	48	+ 2	SSW	2	c	3	51	48	0.71
Greencastle ...	29.65	50	S	2	o	29.77	+ .11	53	51	+ 5	SW	1	o	*	60	47	0.02
Donaghadee ...	29.75	48	SSW	3	c	29.83	+ .05	50	50	+ 4	SSW	2	b	1	50	46	0.10
Kingstown ...	29.75	55	S	4	bc	29.85	+ .14	51	49	+ 2	SE	4	o	4	58	48	0.02
Holyhead ...	29.83	50	S	5	r	29.89	+ .07	49	48	− 1	S	3	mw	2	52	46	0.08
Liverpool (Bidston)	29.86	52	SE	3	c	29.92	.00	55	51	+ 7	SSE	1	c	1	55	47	0.17
Valencia	29.66	53	SSW	7	o	29.68	+ .09	52	51	o	SSE	4	rw	6	57	50	0.14
Roche's Point...	29.78	52	SSE	3	c	29.82	+ .15	50	49	o	SSE	3	f	4	55	48	0.04
Pembroke ...	29.57	50	S	4	c	29.91	+ .11	48	48	+ 1	SSE	3	of	3	51	46	0.03
Portishead ...	29.93	50	SSW	2	r	29.97	+ .02	52	52	+ 2	SW	3	o	2	55	48	0.25
Scilly																	
Plymouth ...	29.94	50	Z	o	o	29.96	+ .03	51	51	+ 3	S	2	f	*	52	48	0.53
Hurst Castle ...	30.01	50	SSW	4	r	30.00	− .01	51	50	o	S	3	ow	3	53	48	0.13
Dover	30.06	54	E	1	bo	30.04	− .05	50	47	− 1	NSW	1	b	o	56	47	–
London	30.03	54	S	2	o	30.02	− .05	52	50	+ 1	S	2		*	62	49	0.05
Oxford	*	*	*	*	*	30.00	− .01	51	50	+ 1	S	1	m	*	58	49	0.16
Cambridge ...	30.03	51	S	1	r	30.00	− .05	53	52	+ 5	S	1	o	*	65	47	0.04
Yarmouth ...	30.04	48	SSE	2	b	30.02	− .08	49	47	+ 3	SSW	1	bow	1	51	44	0.03
The Helder ...	*	*	*	*	*	30.04	− .02	51	49	+ 1	SSE	1	c	*	*	*	–
Cape Gris Nez	30.06	52	E	1	o	?	?	54	48	o	S	1	b	0	59	48	–
Jersey	30.05	51	SSW	2	o	30.05	+ .01	53	50	+ 3	S	1	ow	1	54	49	–
Brest	29.99	54	S	4	f	29.99	+ .02	50	50	o	S	2	m	4	52	?	0.24
L'Orient	30.04	52	SSW	3	o	30.03	+ .01	54	50	+ 4	S	2	bc	4	54	46	–
Rochefort ...	30.05	57	N	2	c	30.04	.00	54	50	+ 4	ESE	3	bc	3	63	45	–
Biarritz	29.99	59	NNE	3	c	30.00	− .01	59	54	+ 7	SE	1	bc	2	?	46	–
Corunna	*	*	*	*	*	30.10	+ .05	58	*	− 1	SW	3	c	1	*	*	*
Brussels	*	*	*	*	*	30.09	− .05	51	48	+ 5	SSW	1	o	*	64	48	–
Charleville ...	*	*	*	*	*	30.09	− .01	46	*	+ 3	SE	1	b	*	*	*	*
Paris	30.08	59	E	1	bo	30.09	− .04	54	49	+ 6	SE	1	b	*	*	*	–
Lyons	*	*	*	*	*	30.16	+ .05	50	*	o	S	2	b	*	*	*	*
Toulon	30.04	?	W	3	b	30.13	+ .20	55	46	+ 3	W	4	b	3	61	50	–

YESTERDAY'S 2 P.M. REPORTS AND REMARKS.

	Bar.	Dry.	Wet.	Wind.		Wea.	Sea.		Bar.	Dry.	Wet.	Wind.		Wea.	Sea.
Skudesnaes ...	30.10	51	45	SSE	1	c	2	Valencia	29.62	54	58	S	7	cy mp	6
Thurso	29.97	51	46	ESE	2	ow	3	Scilly							
Scarborough ...	29.98	46	45	ESE	2	o	2	London	30.04	60	49	S	3	o	*
Greencastle ...	29.65	51	50	S	3	o	*	Rochefort ...	30.05	57	54	NNW	2	o	3
Holyhead	29.82	51	60	S	5	m	3								

Pressure shows little change, but the S.W. winds at Valentia has increased to a moderate gale during the morning.

EXPLANATION OF COLUMNS.

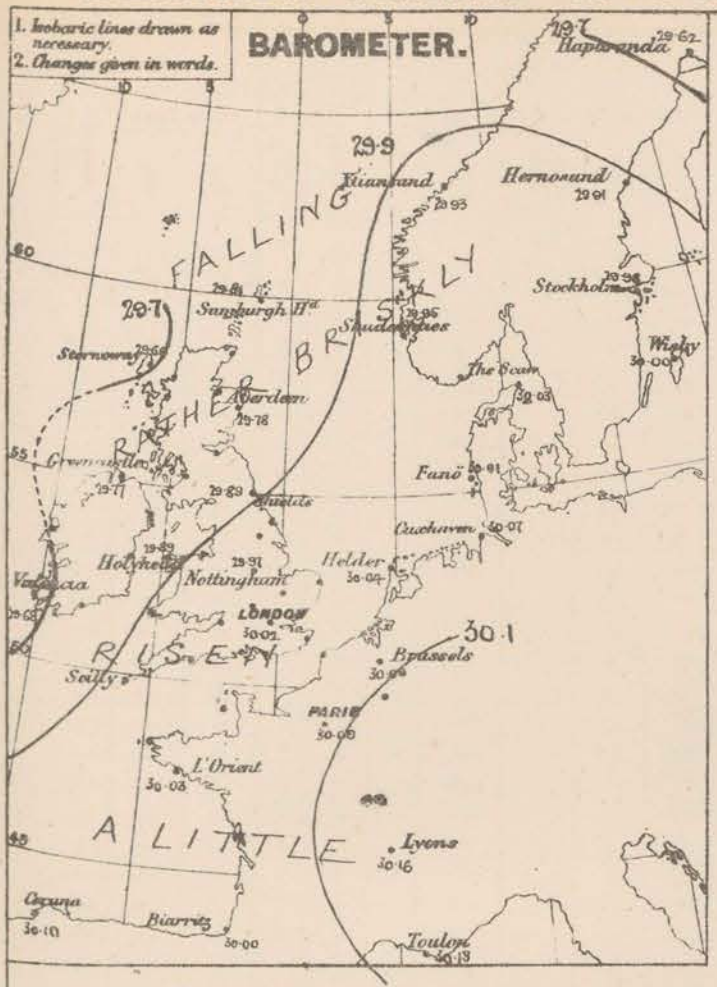
WEATHER.—*Beaufort Scale* is, b. blue sky, c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency w. dew.

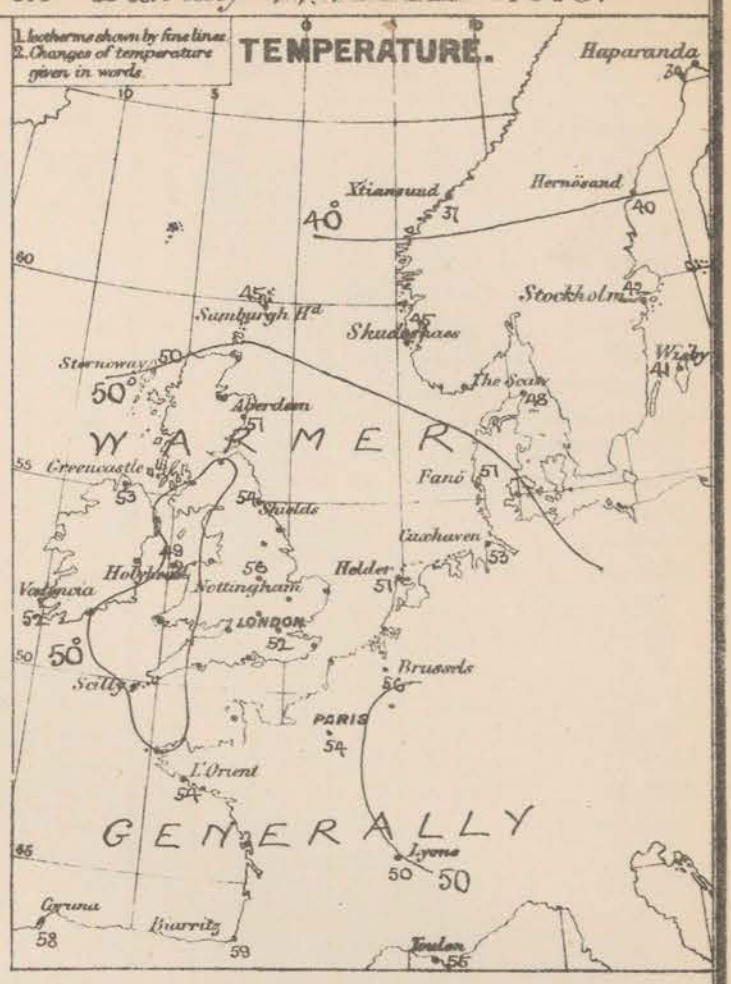
* AN ASTERISK is inserted in all places for which information is not usually received.

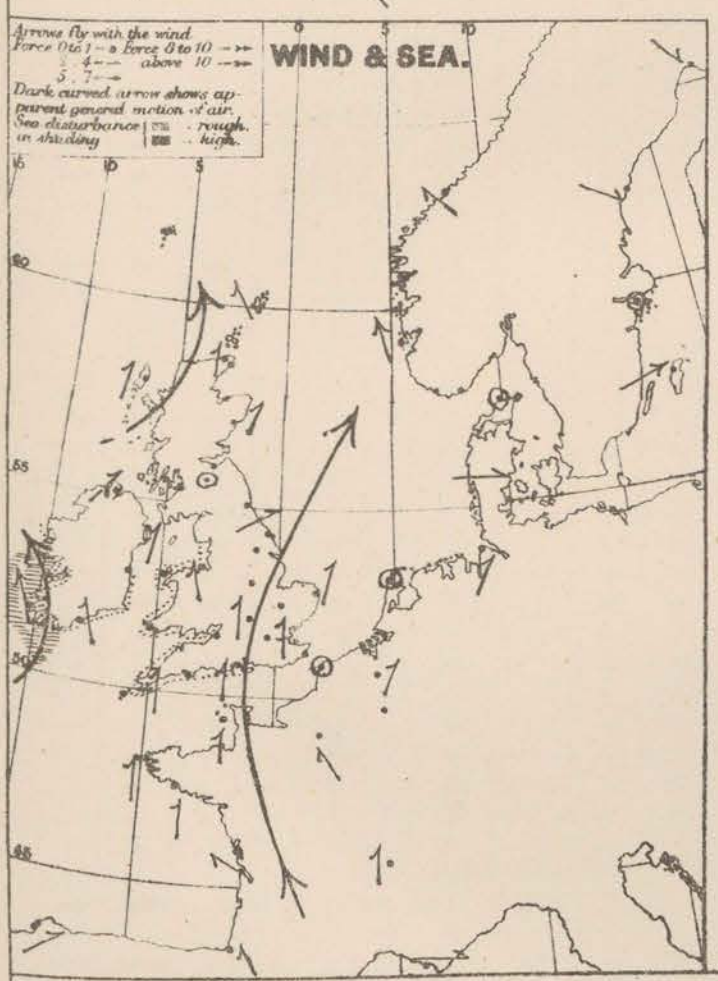
† The evening observations are taken at 6 p.m. in our Islands, at 8 p.m. (Christiania time) in Sweden, Norway, and Denmark, and at 7 p.m. (Paris time) in France.

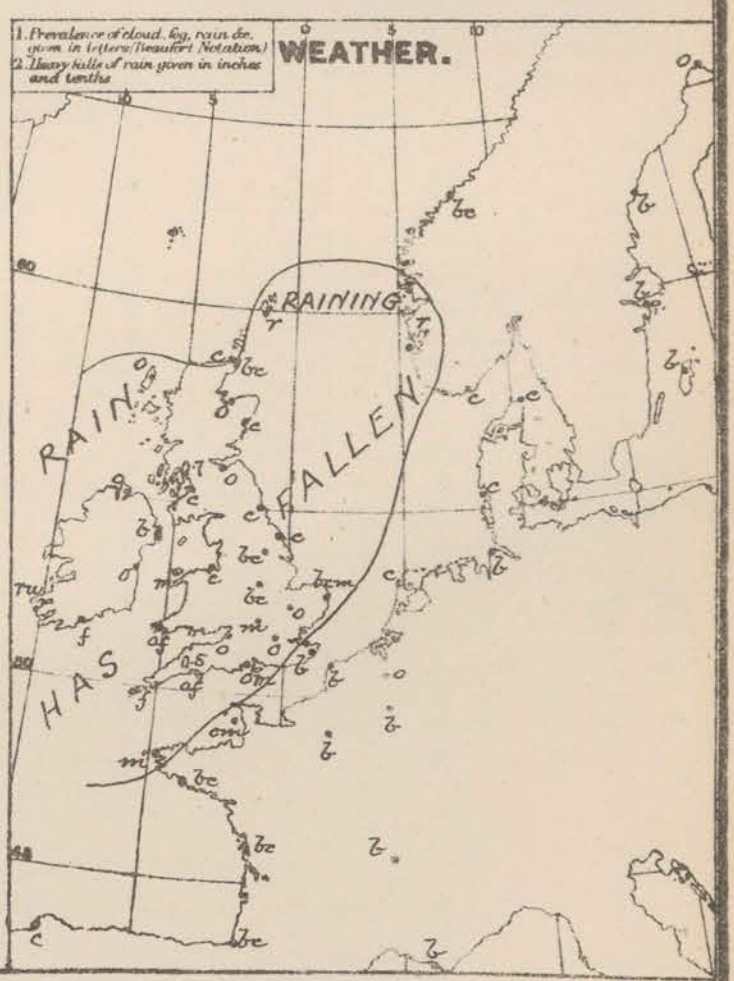
N.B.—The wind is said to "veer" when its direction changes *with the sun*, and to "back" when it shifts in the opposite direction.

WEATHER CHARTS for 8 a.m. on Sunday 14 April 1878.









A dotted line is drawn round the coasts where the signals are shown.

REMARKS. Weather is fine and bright over France and in Sweden, but cloudy over our Islands, with rain and a threatening appearance at Valentia. Rain fell all over the United Kingdom yesterday, but in small quantities, except at Aberdeen and Plymouth, where more than half an inch was measured. Temperature has risen at all stations, and the air has become much softer than of late. It varies from 48° to 53° all over the country. Light S.ly breezes now prevail very generally, but at Valencia the wind has backed to SSE, and blows a moderate gale. Sea is rough at Valentia, moderate to smooth elsewhere.

Barometrical Indications. Pressure varies from 30·10 ins. over France to 29·7 ins. off our W. and NW. coast. The barometer is falling again in the W. of Ireland, and small depressions are passing in a N.ly direction outside our W. coasts.

Warnings. The South Cone is still up on our W. and SW. coasts.

Sun Orders Charts payable in advance. Delivery by hand per Book not 5/ per quarter.

Meteorological Office, 116, Victoria Street, Westminster, S.W.

R. H. SCOTT. Secretary.

DAILY WEATHER REPORT — APRIL 15TH 1878.

STATIONS.	† YESTERDAY EVENING. Barometer at 32° F. and Sea Level.	Temp. in shade.	Wind. Direc.	Wind. Force. (0 to 12).	Weather.	8 A.M. TO DAY. Barometer. Reading at 32° F. and Sea Level.	Barometer. Difference from 8 a.m. yesterday.	Shade Temp. Dry.	Shade Temp. Wet.	Shade Temp. Difference from 8 a.m. yesterday.	Wind. Direc.	Wind. Force. (0 to 12).	Weather	Sea (0 to 9.)	24 HOURS. Shade Temp. Max.	Shade Temp. Min.	Amount of Rainfall.
Haparanda ...	29.67	33	SW	2	o	29.62	.00	33	32	− 1	S	2	o	*	39	27	–
Hernösand ...	29.83	36	Z	o	bc	29.70	− .21	40	36	o	Z	o	c	*	*	*	–
Stockholm ...	29.88	42	SW	4	b	29.79	− .19	44	42	+ 2	SSW	2	f	*	*	*	–
Wisby	29.98	45	SSW	4	bc	29.88	− .12	48	46	+ 7	W	6	c	*	*	*	–
Christiansund ...	29.76	44	WSW	1	o	29.66	− .27	42	40	+ 5	SSW	1	r	3	46	36	0.12
Skudesnaes ...	29.80	43	SSE	6	r	29.78	− .17	43	43	− 2	S	2	rf	3	48	43	0.12
Oxö (Ytiansand)	29.89	44	SSW	2	f	29.83	− .18	43	42	+ 2	SSW	2	f	2	46	41	–
Skagen (The Skaw)	29.93	45	SW	2	o	29.86	− .17	46	46	− 2	WSW	3	r	1	52	41	0.12
Fanö	29.96	47	WSW	1	o	29.93	− .08	49	48	− 2	SW	2	c	*	55	45	–
Cuxhaven ...	30.06	53	SSW	1	c	29.99	− .08	57	54	+ 4	WSW	1	b	*	63	50	–
Newburgh Head	29.69	45	SW	1	m	29.69	− .12	49	48	+ 4	Z	o	o	2	49	44	0.01
Stornoway	29.67	52	S	2	r	29.65	− .04	50	49	o	SSW	2	o	1	54	44	0.17
Thurso	29.72	52	Z	o	o	29.66	− .07	50	48	+ 2	SSW	2	o	3	56	45	0.01
Wick	29.71	53	Z	o	b	29.67	− .06	50	48	* 2	S	1	b	o	61	44	0.17
Nairn	29.74	58	SW	1	c	29.69	− .06	53	49	+ 5	SW	1	b	1	63	47	–
Aberdeen ...	29.75	58	SSW	3	c	29.74	− .04	50	49	− 1	SSW	3	c	1	64	47	–
Leith	29.77	54	WSW	1	c	29.78	− .01	54	51	+ 4	WSW	2	c	*	61	49	–
Shields	29.84	54	E	2	o	29.86	− .03	55	51	+ 1	W	2	o	2	61	48	–
Scarborough ...	29.85	59	SW	2	o	29.91	− .01	57	52	+ 2	WSW	2	b	2	62	48	–
York	29.87	60	SW	1	c	29.92	− .02	53	50	o	S	1	b	*	65	46	–
Nottingham ...	29.92	58	SSW	3	o	29.98	+ .01	57	52	+ 1	SSW	4	b	*	65	46	–
Ardrossan ...	29.78	51	S	3	c	29.80	.00	49	48	− 1	SW	3	bc	3	53	49	0.04
Greencastle ...	29.69	54	SE	2	o	29.76	− .01	49	48	− 4	SW	1	o	*	59	47	0.51
Donaghadee ...	29.78	60	SSW	5	c	29.82	− .01	50	49	o	SSW	4	c	3	53	46	0.01
Kingstown ...	29.79	53	S	4	c	29.86	+ .01	55	52	+ 4	S	4	bc	3	57	50	–
Holyhead ...	29.86	52	S	3	o	29.92	+ .03	49	49	o	S	2	f	1	55	48	0.01
Liverpool (Bidston)	29.87	58	W	1	b	29.93	+ .01	55	51	o	SW	2	bc	1	63	[illegible]	–
Valencia	29.69	54	SSW	4	bc	29.79	+ .11	53	52	+ 1	S	6	ogp	5	56	52	0.08
Roche's Point...	29.80	52	SSE	5	o	29.97	+ .14	51	50	+ 1	SSE	4	o	4	54	49	0.25
Pembroke ...	29.88	51	S	3	c	29.97	* .06	49	48	+ 1	S	2	ow	3	50	47	0.01
Portishead ...	29.93	56	SW	3	bc	30.01	+ .04	53	51	+ 1	SW	2	o	2	59	49	–
Scilly																	
Plymouth ...	29.97	52	SW	2	o	30.02	+ .06	51	51	o	Z	o	of	*	56	50	0.04
Hurst Castle ...	29.99	52	SW	3	o	30.03	+ .03	51	50	o	WSW	3	cw	3	57	46	–
Dover	30.00	50	WSW	2	b	30.06	+ .02	51	48	+ 1	WSW	1	b	1	55	46	–
London	29.98	50	S	2	c	30.04	+ .02	52	50	o	SW	1	o	*	64	44	–
Oxford	*	*	*	*	*	30.03	+ .03	53	51	+ 2	S	1	o	*	57	45	–
Cambridge ...	29.96	58	SW	1	c	30.03	+ .03	52	51	− 1	SW	1	o	*	61	41	–
Yarmouth ...	29.96	49	ENE	2	b	30.01	− .01	53	50	+ 4	WSW	2	bm	1	56	44	–
The Helder. ...	*	*	*	*	*	30.01	− .03	50	48	− 1	SW	1	c	*	*	*	–
Cape Gris Nez	30.02	57	S	1	bc	30.10	− .02	50	48	− 4	S	1	c	0	63	48	–
Jersey	30.04	55	NW	1	c	30.11	+ .06	52	51	− 1	WSW	2	c	2	60	49	–
Brest	30.06	?	S	3	bc	30.06	+ .07	52	50	+ 2	S	2	o	3	55	50	–
L'Orient	30.06	52	SSW	2	m	30.12	+ .09	48	48	− 6	SSE	3	m	3	61	45	–
Rochefort ...	30.03	59	NNW	3	c	30.10	+ .06	54	54	o	ESE	2	c	3	? 72	45	–
Biarritz	30.05	63	WSW	3	b	30.09	+ .09	55	52	− 4	ESE	3	c	3	66	48	–
Corunna	*	*	*	*	*				*						*	*	*
Brussels	*	*	*	*	*	30.06	− .03	57	52	+ 1	SW	1	o	*	69	55	–
Charleville ...	*	*	*	*	*	30.05	− .04	53	*	+ 7	SSE	1	c	*	*	*	*
Paris	30.03	65	S	2	c	30.09	.00	58	52	+ 4	NW	1	b	*	*	*	–
Lyons	*	*	*	*	*	30.24	+ .08	56	*	+ 6	E	1	b	*	*	*	*
Toulon	30.17	59	W	4	b	30.27	+ .14	59	52	+ 4	SW	1	b	2	65	55	–

YESTERDAY'S 2 P.M. REPORTS AND REMARKS.

	Bar.	Dry.	Wet.	Wind.		Wea.	Sea.
Skudesnaes ...	29.86	46	44	SSE	2	r	4
Thurso							
Scarborough ...							
Greencastle ...							*
Holyhead							
Valencia							
Scilly							
London							*
Rochefort ...	30.04	61	55	WNW	2	bc	3.

EXPLANATION OF COLUMNS.

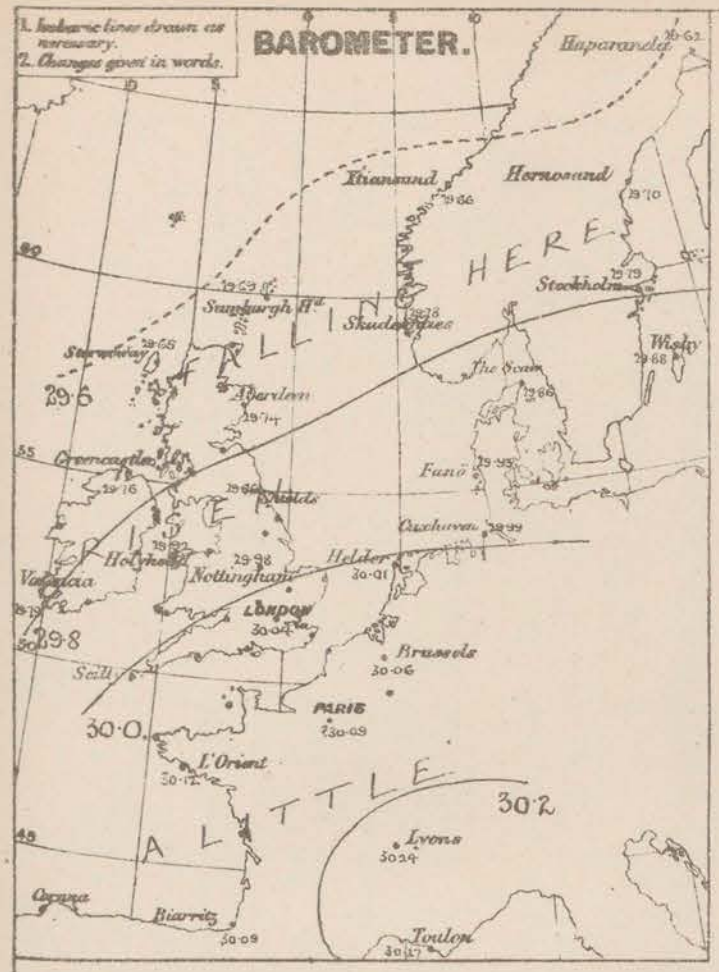
WEATHER.—*Beaufort Scale* is, b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.

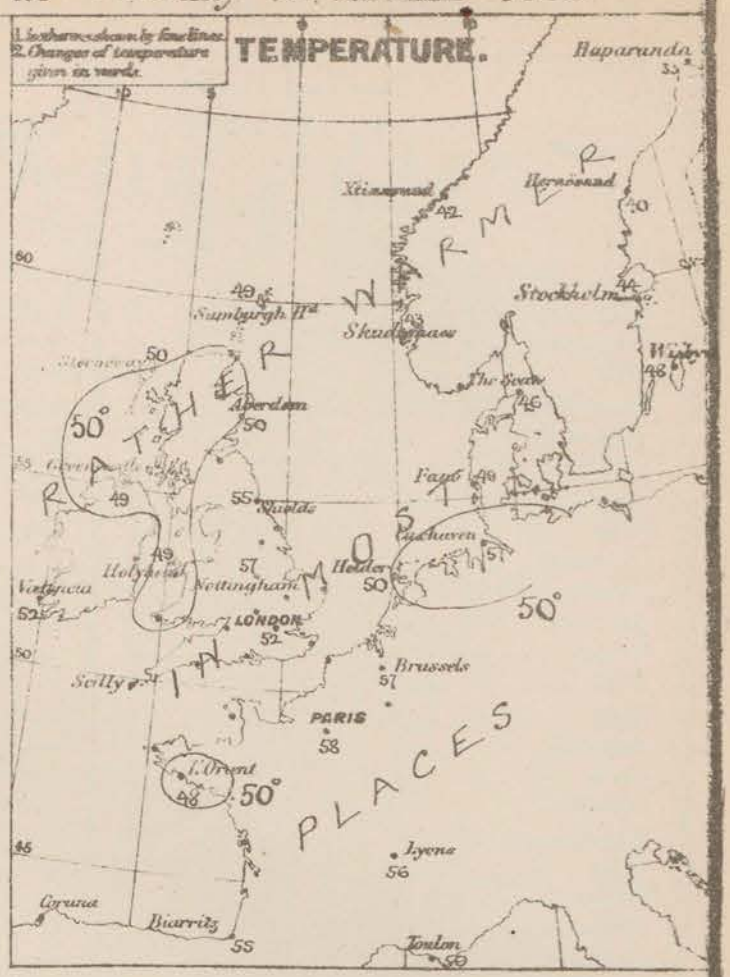
* AN ASTERISK is inserted in all places for which information is not usually received.

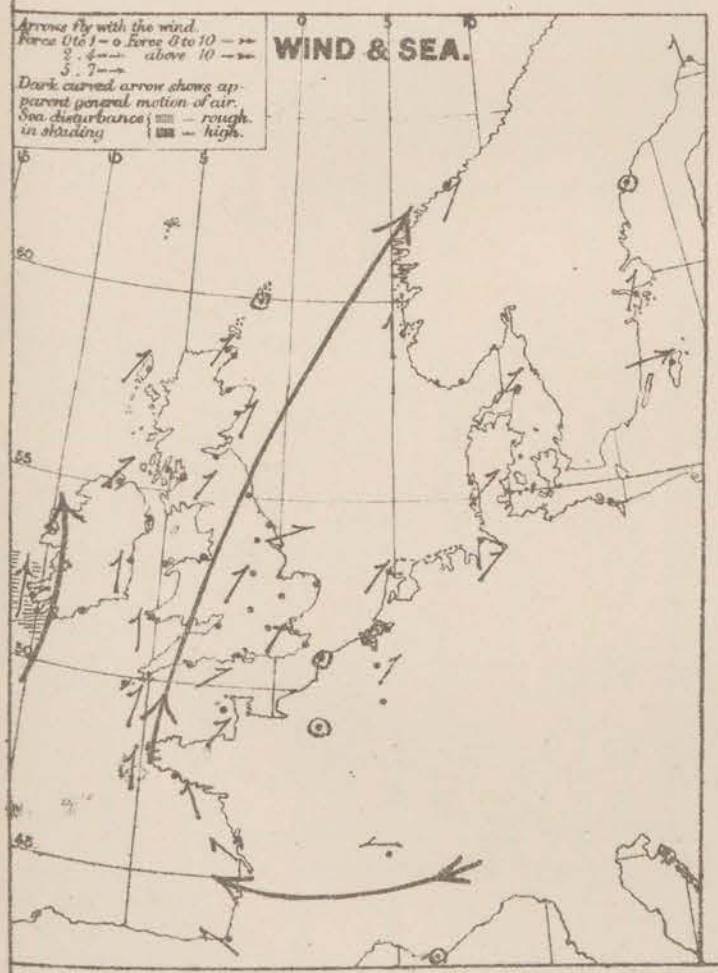
† The evening observations are taken at 6 p.m. in our Islands, at 8 p.m. (Christiania time) in Sweden, Norway, and Denmark, and at 7 p.m. (Paris time) in France.

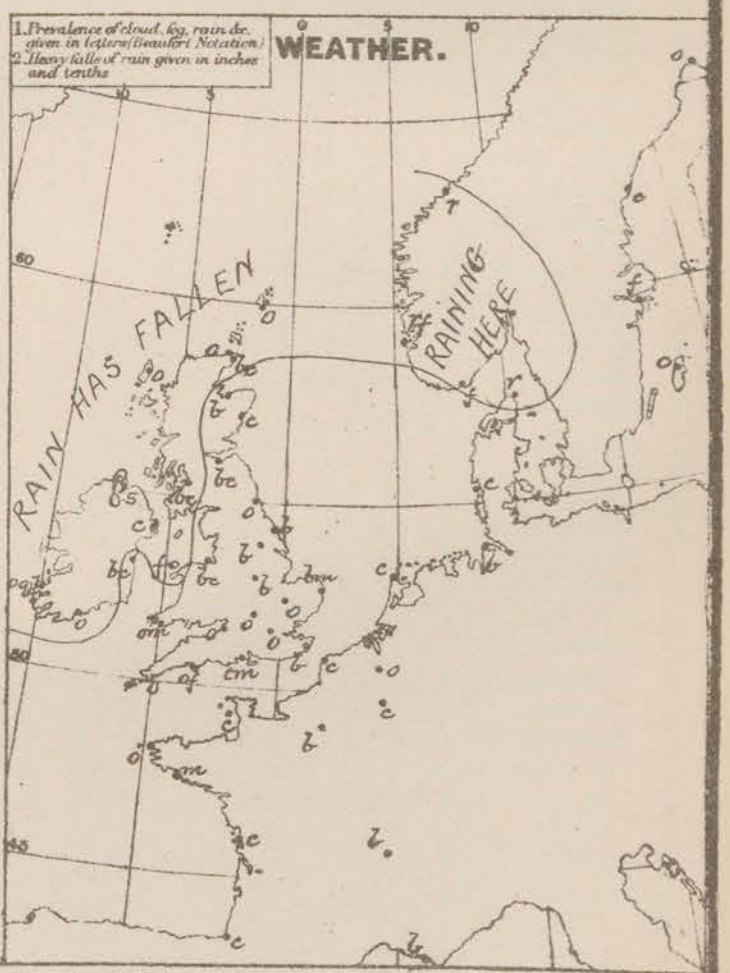
N.B.—The wind is said to "veer" when its direction changes *with the sun*, and to "back" when it shifts in the opposite direction.

WEATHER CHARTS for 8 a.m. on Monday 15 April 1878









REMARKS. Weather is clear and bright on our E and NE coasts, overcast or very cloudy elsewhere, with rain at Valentia, and haze or fog at several of the W^n stations. Half an inch of rain fell at Greencastle yesterday, a quarter of an inch at Rooks Point and small quantities at our other W^n and N^n stations. Temperature has risen several degrees over France, but shows very little change in our Islands. The maximum shade readings exceeded 60° at many of our N^n and E^n stations yesterday, the highest reported being 65° at York and Nottingham. At Biarritz the highest was 66°, and at Brussels 69°. Wind is light from the SW^d almost all over the British Isles, and North Sea, and light from SE in the S.W. of France; but at Valentia a strong wind from the Sth is reported this morning, and a moderate gale from the same quarter prevailed there throughout yesterday. Sea is rather rough at Valentia, slight or smooth elsewhere.

Barometrical Pressure. Pressure varies from about 30.2 in. in the S of France to 29.65 in. at Stornoway. Small depressions have been travelling in a N^ly direction outside our extreme W^n coasts during the past 48 hours, and a new one seems to be now approaching Valentia.

Subscription for these Charts payable in advance to cover delivery. Delivery by hand 1/- per quarter; book post 5/- per quarter

Meteorological Office,
116, Victoria Street, Westminster, S.W.

R. H. SCOTT.
Secretary.

DAILY WEATHER REPORT APRIL 16TH 1878.

STATIONS.	† YESTERDAY EVENING. Barometer at 32° F. and Sea Level.	Temp. in shade.	Wind. Direc.	Wind. Force. (0 to 12).	Weather.	8 A.M. TO DAY. Barometer. Reading at 32° F. and Sea Level.	Barometer. Difference from 8 a.m. yesterday.	Shade Temp. Dry.	Shade Temp. Wet.	Shade Temp. Difference from 8 a.m. yesterday.	Wind. Direc.	Wind. Force. (0 to 12).	Weather.	Sea. (0 to 9.)	PAST 24 HOURS. Shade Temp. Max.	Shade Temp. Min.	Amount of Rainfall.
Haparanda ...	29.60	31	Z	0	0	29.65	+ .03	28	27	− 5	N	4	b	*	41	27	–
Hernösand ...	29.63	39	Z	0	f	29.68	− .02	37	33	− 3	NE	4	o	*	*	*	–
Stockholm ...	29.68	45	SW	2	c	29.63	− .16	44	44	0	Z	0	r	*	*	*	0.08
Wisby	29.79	47	WSW	6	c	29.73	− .15	45	44	− 3	W	6	bc	*	*	*	–
Christiansund ...	29.73	39	NNE	3	o	29.70	+ .04	36	34	− 6	SSE	1	s	3	?	30	0.08
Skudesnaes ...	29.75	44	S	4	f	29.76	− .02	45	45	+ 2	WSW	2	f	3	45	43	0.08
Oxö (Christiansand)	29.79	43	SSW	4	c	29.73	− .10	44	44	+ 1	SW	4	bc	2	46	41	–
Skagen (The Skaw)	29.80	44	W	2	f	29.75	− .11	43	43	− 3	W	4	f	3	54	39	–
Fanö	29.91	45	WSW	2	b	29.86	− .07	48	47	− 1	WSW	4	o	*	54	45	–
Cuxhaven ...														*			
Sumburgh Head	29.68	47	WNW	2	f	29.71	+ .02	47	47	− 2	W	2	f	2	51	45	0.09
Stornoway	29.69	52	W	3	bc	29.66	+ .01	49	49	− 1	S	1	o	5	54	44	0.04
Thurso	29.71	53	Z	0	c	29.71	+ .05	51	49	+ 1	Z	0	cm	1	53	46	0.15
Wick	29.73	51	W	1	bc	29.72	+ .05	50	49	0	SSW	1	b	0	58	46	0.05
Nairn	29.76	52	SE	1	o	29.73	+ .04	52	49	− 1	Z	0	b	0	60	45	0.05
Aberdeen ...	29.76	58	WSW	2	c	29.74	.00	52	49	+ 2	WSW	1	b	1	63	47	–
Leith	29.81	57	W	3	bc	29.74	− .04	53	50	− 1	Z	0	bc	*	63	40	–
Shields	29.89	57	W	2	b	29.81	− .05	53	50	− 2	WSW	1	cm	1	61	46	–
Scarborough ..	29.89	59	WSW	1	c	29.83	− .08	50	48	− 7	Z	0	o	1	64	47	–
York	29.90	58	W	1	bc	29.84	− .08	50	48	− 3	S	1	o	*	62	42	–
Nottingham ...	29.95	57	SSW	2	b	29.83	− .15	52	48	− 5	Z	0	bc	*	65	43	–
Ardrossan ...	29.80	52	SW	2	c	29.72	− .08	52	50	+ 3	ESE	2	r	2	53	49	0.04
Greencastle ...	29.75	56	S	1	o	29.65	− .11	51	50	+ 2	S	2	o	*	59	48	0.04
Donaghadee ...	29.82	57	SW	4	b	29.69	− .13	48	48	− 2	SE	3	r	2	57	47	0.10
Kingstown ...	29.87	52	SSE	4	c	29.71	− .15	51	50	− 4	SSE	2	cm	3	59	49	0.01
Holyhead ...	29.90	52	SSW	3	c	29.76	− .16	50	49	+ 1	SSW	2	f	1	55	49	0.16
Liverpool (Bidston)	29.91	58	WSW	2	bc	29.79	− .14	51	50	− 4	SE	2	o	1	63	48	–
Valencia	29.72	53	S	5	o	29.64	− .15	53	51	0	SSW	5	c	5	55	51	0.13
Roche's Point...	29.83	52	S	5	r	29.70	− .17	52	51	+ 1	SSE	2	b	3	55	49	0.18
Pembroke ...	29.92	51	S	1	c	29.76	− .21	49	48	0	SSE	1	o	3	52	47	–
Portishead ...	29.96	58	SSW	4	o	29.83	− .18	49	49	− 4	SSE	1	fm	1	60	46	0.12
Scilly																	
Plymouth ...	29.98	53	S	1	o	29.82	− .20	51	50	0	SE	1	o	*	57	50	0.26
Hurst Castle ...	30.01	54	SSW	3	bc	29.86	− .17	50	49	− 1	E	2	og	2	57	47	–
Dover	30.01	50	WSW	1	b	29.84	− .22	50	49	− 1	WNW	1	cgr	0	57	46	0.06
London	29.99	59	SSW	3	b	29.88	− .16	50	49	− 2	Z	0	ob	*	61	45	0.01
Oxford	*	*	*	*	*	29.85	− .18	49	48	− 4	Z	0	of	*	59	46	–
Cambridge ...	29.96	58	SSW	1	bc	29.86	− .17	47	47	− 5	S	1	o	*	65	40	–
Yarmouth ...	29.97	54	S	1	b	29.89	− .12	48	47	− 5	SSW	1	bcm	1	61	45	–
The Helder. ...	*	*	*	*	*	29.91	− .10	48	47	− 2	SSW	1	b	*	*	*	–
Cape Gris Nez	30.03	54	S	1	bc	29.88	− .22	46	41	− 4	NE	2	r	1	57	46	0.24
Jersey	30.04	53	Z	0	bc	29.88	− .23	50	50	− 2	WSW	1	cm	1	58	49	–
Brest	30.11	55	S	2	o	29.85	− .21	52	50	0	SSE	2	m	3	?	?	0.12
L'Orient																	
Rochefort ...	30.03	59	E	2	r	30.00	− .10	54	54	0	WNW	3	c	3	66	46	0.20
Biarritz	29.97	63	SSE	4	bc	30.05	− .04	57	54	+ 2	SE	1	r	3	72	52	0.04
Corunna	*	*	*	*	*				*						*	*	*
Brussels	*	*	*	*	*	29.88	− .18	52	51	− 5	NW	1	r	*	53	50	–
Charleville ...	*	*	*	*	*	? 29.85	− .20	50	*	− 3	SE	6	o	*	*	*	*
Paris	29.99	68	WSW	1	c	29.88	− .21	56	?	− 2	SSE	3	r	*	*	*	? 0.12
Lyons	*	*	*	*	*	30.06	− .18	60	*	+ 4	S	4	o	*	*	*	*
Toulon	30.21	57	SW	3	bc	30.15	− .12	55	50	− 4	SE	1	o	2	66	?	–

YESTERDAY'S 2 P.M. REPORTS AND REMARKS.

	Bar.	Dry.	Wet.	Wind.		Wea.	Sea.		Bar.	Dry.	Wet.	Wind.		Wea.	Sea.
Skudesnaes ...	29.96	45	44	SSE	4	r	3	Valencia	29.76	54	52	SSE	6	tgu	6
Thurso	29.71	53	52	WSW	1	p	3	Scilly							
Scarborough ...	29.91	63	55	WSW	2	c	2	London	30.03	60	55	SSW	1	o	*
Greencastle ...	29.78	54	52	SSW	1	r	*	Rochefort ...	30.05	63	59	Z	0	o	1
Holyhead	29.95	54	52	SSW	4	c	3								

No important change, beyond a slight further fall of the barometer at Valentia accompanied by a slight backing of the wind, rain, a threatening appearance, and some increase of sea.

EXPLANATION OF COLUMNS.

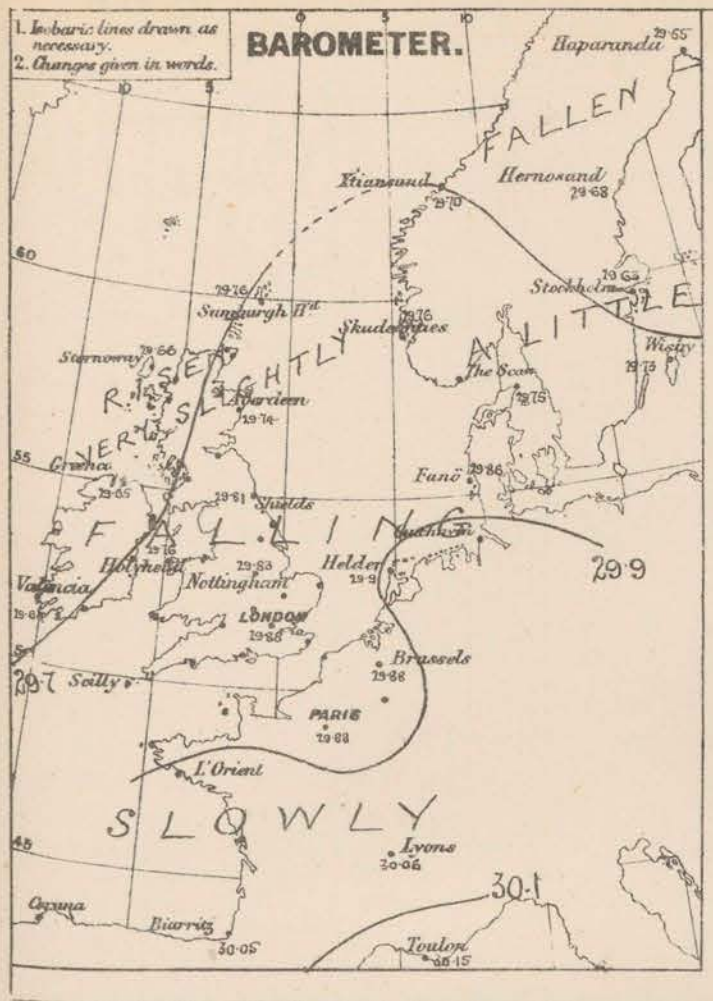
WEATHER.—*Beaufort Scale* is, b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.

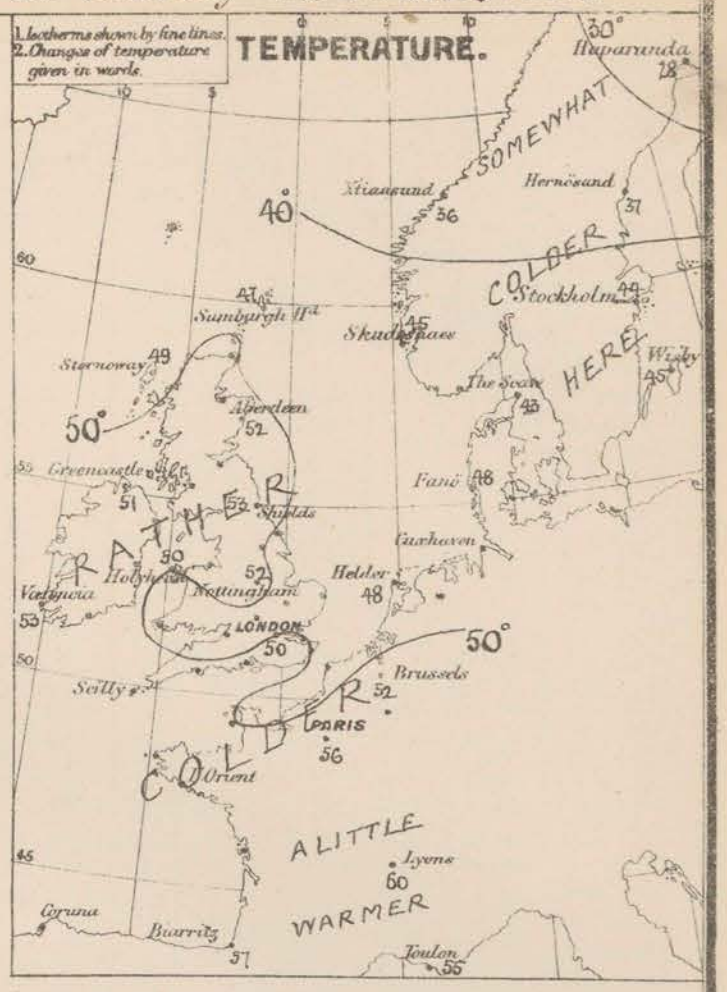
* AN ASTERISK is inserted in all places for which information is not usually received.

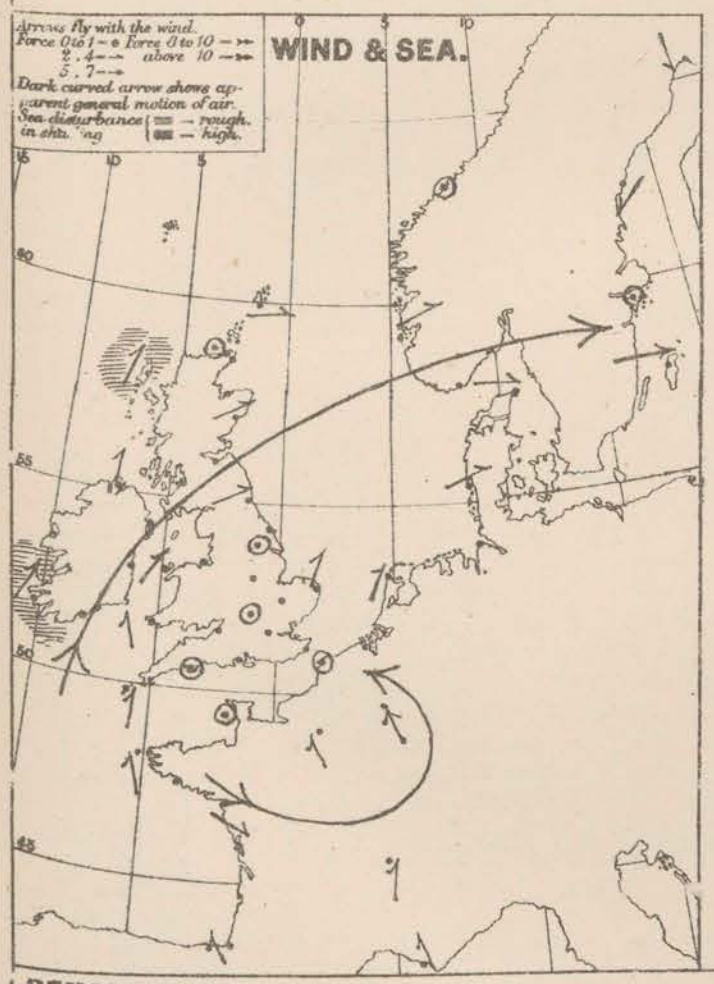
† The evening observations are taken at 6 p.m. in our Islands, at 8 p.m. (Christiania time) in Sweden, Norway, and Denmark, and at 7 p.m. (Paris time) in France.

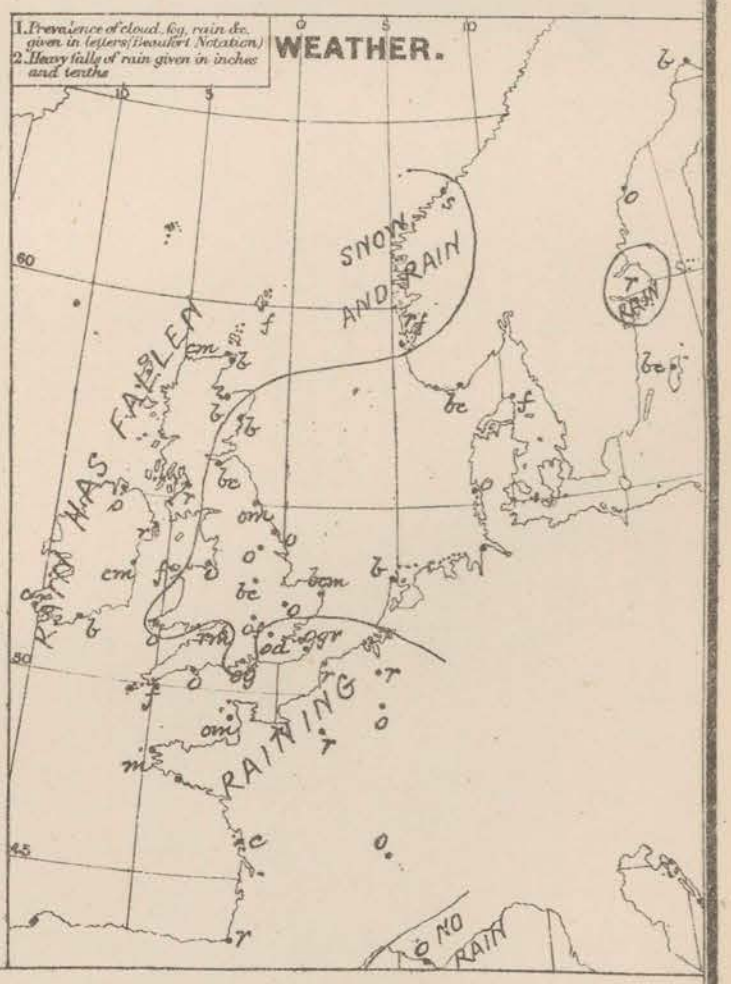
N.B.—The wind is said to "veer" when its direction changes *with the sun*, and to "back" when it shifts in the opposite direction.

WEATHER CHARTS for 8 a.m. on Tuesday 16 APRIL 1878.









REMARKS. Weather is fine and bright in the E. of Scotland this morning, but generally overcast elsewhere, with fog or haze in many places, and rain in others. Rain fell on our W. and N. coasts yesterday, but the amounts reported are not large. Lunar halos were seen at Oxford and in London last evening, and a solar halo at Nottingham this morning. Temperature has decreased a little in England and the N. of France, but increased very slightly in Ireland. The maximum values again exceeded 60° at the E., NE. and Central stations yesterday, and the night was mild generally. Wind is light from SE in France, from S on our coasts, and from SW to W on the E. shores of the North Sea. Over Central England calms prevail. Sea is smooth except in the extreme W. and N.

Barometric Indications. Pressure is still highest in the S. of France, and lowest off our W. and NW coasts, the gradients being slight everywhere. A shallow local depression over the NE. of France is producing very variable winds in that locality and the English Channel.

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Meteorological Office, 116, Victoria Street, Westminster, S.W.

R. H. SCOTT. Secretary

DAILY WEATHER REPORT APRIL 17TH 1878.

STATIONS.	† YESTERDAY EVENING. Barometer at 32° F. and Sea Level.	Temp. in shade.	Wind. Direc.	Wind. Force. (0 to 12).	Weather.	8 A.M. TO DAY. Barometer. Reading at 32° F. and Sea Level.	Barometer. Difference from 8 a.m. yesterday.	Shade Temp. Dry.	Shade Temp. Wet.	Shade Temp. Difference from 8 a.m. yesterday.	Wind. Direc.	Wind. Force. (0 to 12).	Weather.	Sea. (0 to 9.)	PAST 24 HOURS. Shade Temp. Max.	Shade Temp. Min.	Amount of Rainfall.
Haparanda ...	29.72	27	N	2	s	29.80	+.15	37	34	+4	NE	2	bc	*	32	19	-
Hernösand ...	29.71	31	E	2	o	29.79	+.11	31	30	-6	E	2	c	*	*	*	0.04
Stockholm ...	29.60	47	N	2	c	29.74	+.11	37	34	-7	NNE	4	o	*	*	*	0.04
Wisby	29.70	44	NSN	4	b	29.69	-.04	44	43	-1	E	6	o	*	*	*	-
Christiansund ...	29.80	37	NNN	3	bc	29.82	+.12	37	35	+1	SSW	1	b	3	39	28	0.04
Skudesnaes ...	29.75	46	WNW	1	f	29.73	-.03	48	45	+3	NNW	2	o	2	48	45	-
Oxö (Christiansand)	29.72	45	SN	2	c	29.71	-.02	45	41	+1	NNE	4	b	1	50	39	-
Skagen (The Skaw)	29.70	44	NNN	4	b	29.70	-.05	42	41	-1	N	6	f	0	52	37	-
Fanö	29.75	47	NE	1	r	29.67	-.19	51	49	+3	NE	2	bc	*	54	43	-
Cuxhaven ...	29.86	53	NN	1	o	29.65	-.29	52	52	+1	ENE	1	N	*	?	48	0.25
Sumburgh Head	29.74	47	SSE	1	m	29.73	+.02	44	42	-3	ESE	4	o	4	51	42	-
Stornoway	29.64	50	ENE	1	o	29.58	-.08	51	50	+2	SSE	1	bc	2	54	44	0.02
Thurso	29.67	51	SE	1	c	29.64	-.07	47	46	-4	SE	2	of	2	63	44	0.01
Wick	29.68	51	SE	2	bc	29.65	-.07	47	46	-3	ESE	2	o	o	59	44	0.01
Nairn	29.67	48	Z	0	o	29.63	-.10	48	47	-4	Z	0	o	o	56	45	0.01
Aberdeen ...	29.69	55	S	2	c	29.64	-.10	46	45	-6	SSE	1	N	1	62	46	0.12
Leith	29.66	50	ENE	1	o	29.62	-.12	48	48	-5	NW	1	o	*	55	44	0.21
Shields	29.71	54	SSN	1	f	29.63	-.18	50	50	-3	Z	0	nf	2	58	49	0.37
Scarborough .	29.72	51	SSE	1	r	29.66	-.17	50	49	0	WSW	1	N	1	53	48	0.67
York	29.72	56	S	1	o	29.67	-.17	50	47	0	WSW	1	c	*	62	47	0.10
Nottingham ...	29.80	57	SSE	2	o	29.71	-.12	50	49	-2	SSW	3	o	*	63	42	0.17
Ardrossan ...	29.66	51	SE	1	o	29.64	-.08	49	47	-3	SE	1	om	1	54	48	0.10
Greencastle ...	29.58	54	SE	1	r	29.59	-.06	50	49	-1	SE	1	b	*	58	43	0.39
Donaghadee ...	29.64	50	S	3	r	29.63	-.06	48	47	0	ESE	2	no	1	56	46	0.03
Kingstown ...	29.65	56	NSN	3	c	29.65	-.06	51	48	0	WNW	4	c	4	56	48	0.01
Holyhead ...	29.69	48	SSN	2	f	29.66	-.10	49	48	-1	SW	1	m	0	53	47	0.07
Liverpool (Bidston)	29.70	55	SSE	1	r	29.66	-.13	53	49	+2	SW	1	bc	1	57	47	0.23
Valencia	29.65	52	SN	5	o	29.74	+.10	52	51	-1	WNW	3	cq	3	56	47	0.24
Roche's Point...	29.70	52	NSN	4	c	29.71	+.01	51	48	-1	WNW	3	bc	3	55	48	0.07
Pembroke ...	29.74	57	SN	2	o	29.70	-.06	50	49	+1	WSW	2	o	3	52	47	0.05
Portishead ...	29.75	50	SN	3	r	29.73	-.10	49	48	0	SW	3	cp	3	58	45	0.43
Scilly																	
Plymouth ...	29.80	53	NSN	2	o	29.77	-.05	51	50	0	WSW	2	o	*	55	48	0.09
Hurst Castle ...	29.80	56	SN	3	f	29.78	-.08	50	49	0	WSW	4	c	4	57	45	0.02
Dover	29.78	49	NSN	1	c	29.77	-.07	47	46	-3	WSW	2	of	1	53	45	0.05
London	29.77	56	Z	0	om	29.76	-.12	52	49	+2	WSW	2	bc	*	56	46	0.11
Oxford	*	*	*	*	*	29.74	-.11	50	48	+1	WSW	1	o	*	57	45	0.07
Cambridge ...	29.77	56	Z	0	o	29.72	-.14	50	48	+3	SW	1	c	*	57	44	0.20
Yarmouth ...	29.78	46	SE	1	o	29.70	-.19	50	49	+2	WNW	2	cm	1	52	45	0.37
The Helder. ...	*	*	*	*	*	29.67	-.24	46	46	-2	NW	2	n	*	*	*	0.47
Cape Gris Nez	29.80	48	SN	1	m	29.78	-.10	46	46	0	SW	3	1	2	50	45	0.24
Jersey	29.86	50	N	3	f	29.87	-.01	50	50	0	WSW	4	om	3	55	43	0.31
Brest	29.94	?	N	3	m	29.92	+.07	52	50	0	WNW	3	o	3	55	?	0.04
L'Orient	29.94	52	NNN	4	m	29.94	+.05	52	52	0	WNW	3	m	3	57	46	-
Rochefort ...	30.03	59	NNN	5	o	30.00	.00	54	54	0	WNW	5	n	3	66	48	0.20
Biarritz	30.13	61	SN	3	o	30.13	+.08	57	52	0	SSW	4	o	4	64	50	0.04
Corunna	*	*	*	*	*				*						*	*	*
Brussels	*	*	*	*	*	29.76	-.12	51	50	-1	WSW	2	n	*	61	49	0.08
Charleville ...	*	*	*	*	*	?29.73	-.12	50	*	0	WNW	1	o	*	*	*	*
Paris	29.82	60	SN	4	o	29.88	.00	52	49	-4	WSW	2	o	*	*	*	0.20
Lyons	*	*	*	*	*	30.02	-.04	52	*	-8	S	2	o	*	*	*	*
Toulon	30.07	54	E	2	o	29.97	-.18	52	50	-3	NW	4	c	3	55		0.04

YESTERDAY'S 2 P.M. REPORTS AND REMARKS.

	Bar.	Dry.	Wet.	Wind.		Wea.	Sea.
Skudesnaes ...	29.75	48	46	NSN	2	f	3
Thurso	29.69	61	55	SE	2	bc	2
Scarborough ...	29.76	51	49	SSE	1	o	1
Greencastle ...	29.63	52	52	S	1	n	*
Holyhead	29.73	51	50	SSW	2	d	1

	Bar.	Dry.	Wet.	Wind.		Wea.	Sea.
Valencia	29.65	55	51	SW	5	c	5
Scilly							
London	29.81	54	52	Z	0	gfd	*
Rochefort ...	29.99	57	55	N	6	o	4

No important change beyond a rise of 10° in the temperature at Thurso. Thick fog and drizzling rain have prevailed in London all the morning.

EXPLANATION OF COLUMNS.

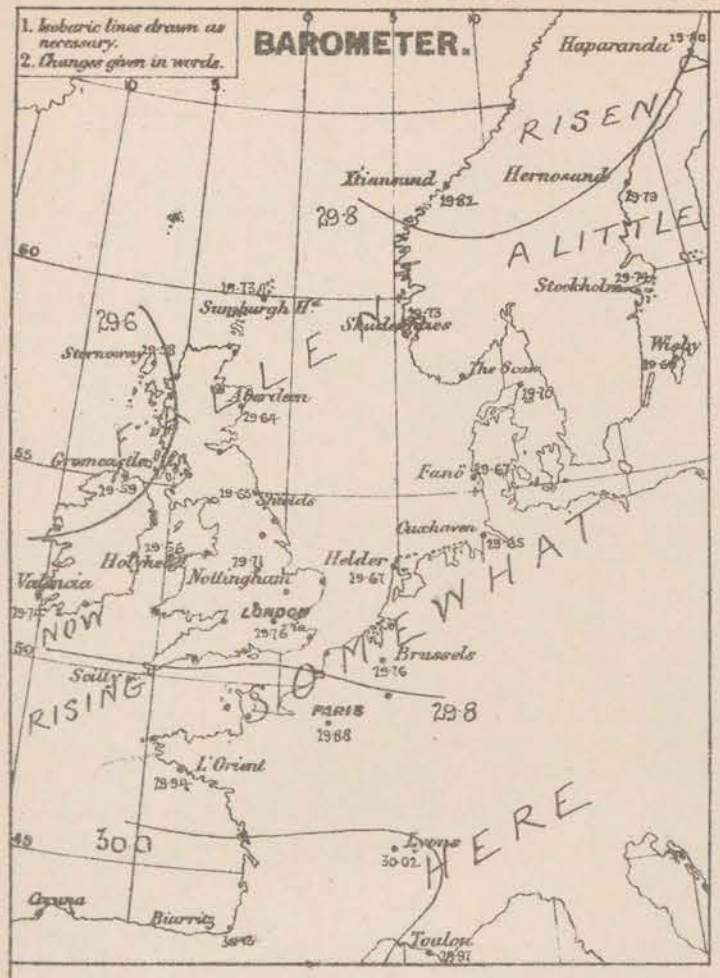
WEATHER.—*Beaufort Scale* is, b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency w. dew.

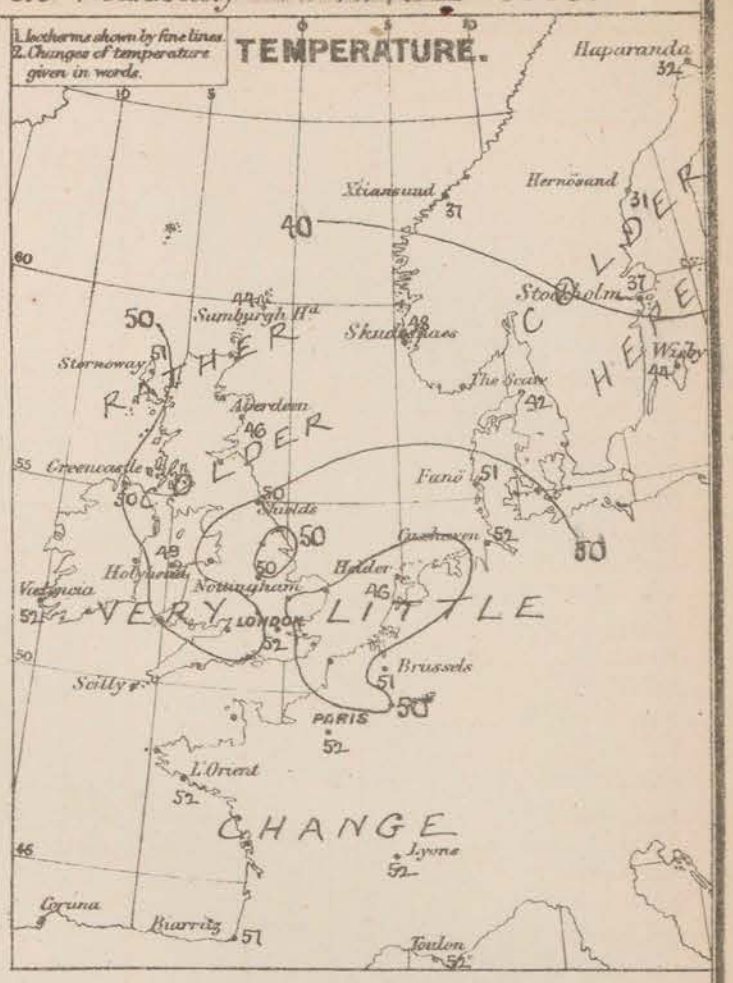
* AN ASTERISK is inserted in all places for which information is not usually received.

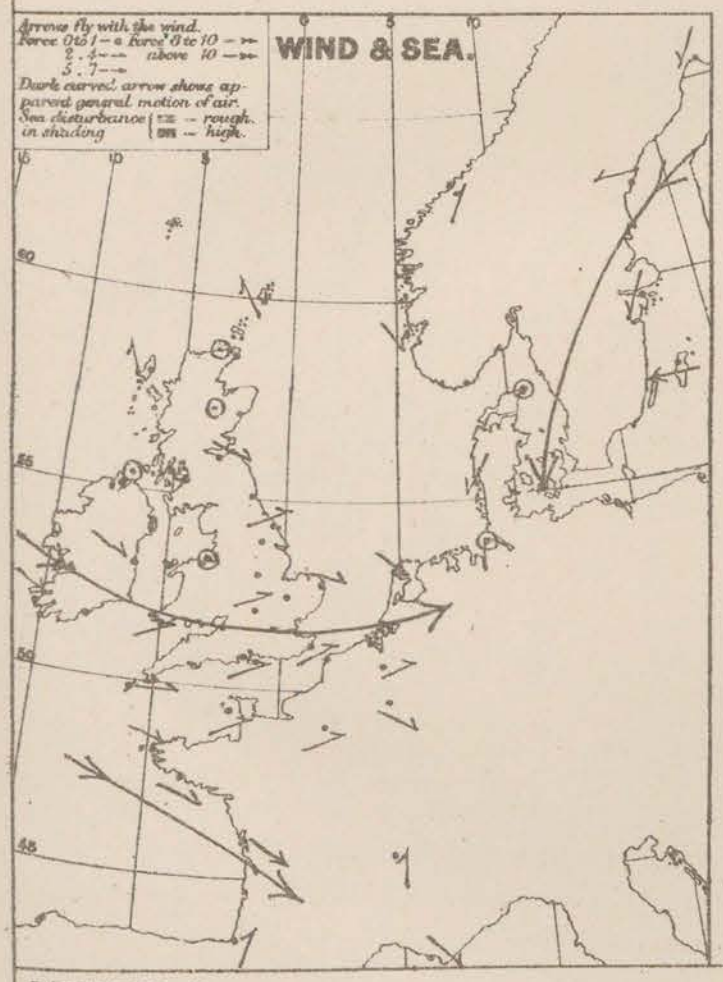
† The evening observations are taken at 6 p.m. in our Islands, at 8 p.m. (Christiania time) in Sweden, Norway, and Denmark, and at 7 p.m (Paris time) in France.

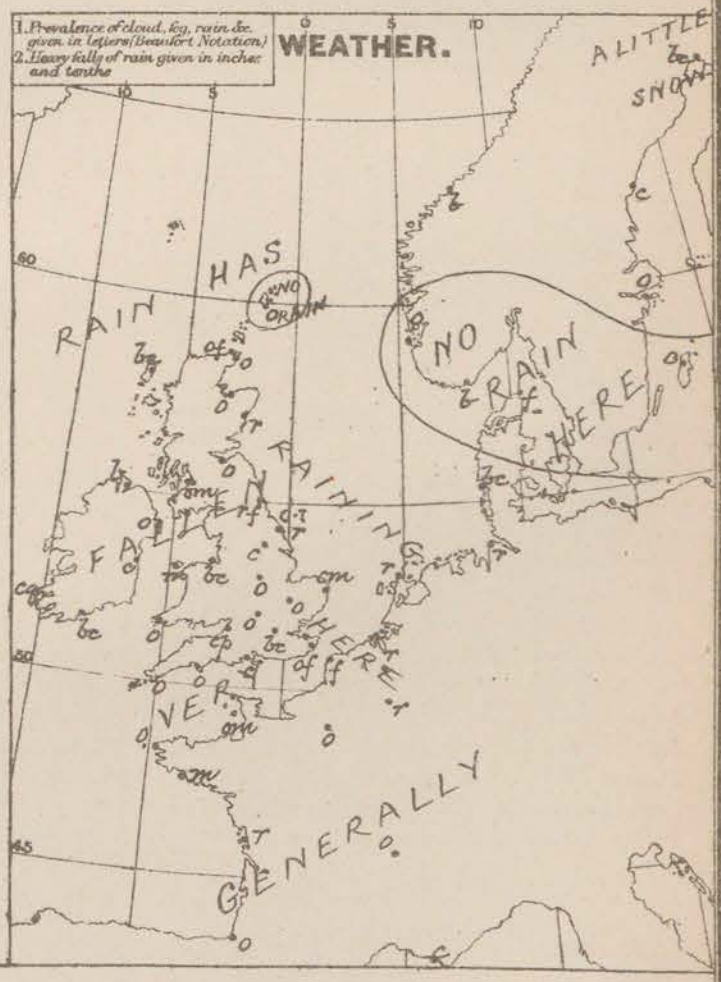
N.B.—The wind is said to "veer" when its direction changes *with the sun*, and to "back" when it shifts in the opposite direction.

WEATHER CHARTS for 8 a.m. on Wednesday 17 April 1878.









REMARKS. Weather is overcast or very cloudy in all parts of our Islands, with showers in several places, heavy rain and fog in the NE. Rain fell in all parts of our Islands and over France yesterday, but the amounts reported were small in most places. Temperature has decreased a little on our N. and NE. coasts, but is very uniform between 46° and 52° in our Islands and the N^n half of France. The maximum readings for yesterday on the whole were not so high in England as they were on the previous day. Wind is light generally. It is WNW^ly in Ireland and the Bay of Biscay, NW^ly over England, SE^ly in Scotland, and N^ly to NE^ly on the E^n shores of the North Sea. Sea is moderate to smooth.

Barometrical Indications. The barometer having risen a little over Sweden and Norway, a second area of high pressure has been formed in those regions, the readings in which exceed 29.8 ins. In the SW of France pressure is still above 30.0 ins., while it is as low as 29.6 ins. in the W. of Scotland, and 29.65 ins. over North Germany.

Subscription for these Charts payable in advance to cover delivery. Delivery by hand 1/- per quarter, book post 5/- per quarter.

Meteorological Office,
116, Victoria Street, Westminster, S.W.

R. H. SCOTT.
Secretary.

Dangerfield Lith 22 Bedford St. Covent G

DAILY WEATHER REPORT APRIL 18th 1878.

STATIONS.	† YESTERDAY EVENING. Barometer at 32° F. and Sea Level.	Temp. in shade.	Wind. Direc.	Wind. Force. (0 to 12).	Weather.	8 A.M. TO DAY. Barometer. Reading at 32° F. and Sea Level.	Barometer. Difference from 8 a.m. yesterday.	Shade Temp. Dry.	Shade Temp. Wet.	Shade Temp. Difference from 8 a.m. yesterday.	Wind. Direc.	Wind. Force. (0 to 12).	Weather.	Sea. (0 to 9.)	PAST 24 HOURS. Shade Temp. Max.	Shade Temp. Min.	Amount of Rainfall.
Haparanda ...														*			
Hernösand ...														*	*	*	
Stockholm ...														*	*	*	
Wisby														*	*	*	
Christiansund ...	29.77	38	ESE	2	bc	29.75	− .07	39	36	+ 2	ESE	2	o	2	45	32	−
Skudesnaes ...	29.87	44	S	2	o	29.85	+ .12	47	46	− 1	E	2	bc	2	50	45	−
Oxö (Christiansand)	29.82	45	NE	4	b	29.88	+ .17	42	39	− 3	NE	4	c	2	45	41	−
Skagen (The Skaw)	29.59	44	E	4	b	29.69	+ .19	43	37	+ 1	ESE	4	o	4	52	39	−
Fanö	29.70	50	S	4	o	29.76	+ .09	43	38	− 8	ENE	4	r	*	59	32	0.20
Cuxhaven ...	29.67	53	NNE	1	o	29.72	+ .07	47	46	− 5	NNW	2	o	*	52	45	0.02
Sumburgh Head	29.74	44	ESE	4	o	29.71	− .02	44	44	0	S	4	f	4	46	41	−
Stornoway	29.62	54	NNE	1	c	29.65	+ .07	47	45	− 4	S	4	o	3	55	43	−
Thurso	29.67	48	SE	1	o	29.68	+ .04	48	48	+ 1	Z	0	of	?0	55	45	−
Wick	29.68	47	ESE	2	f	29.69	+ .04	47	46	0	SE	1	f	1	52	44	−
Nairn	29.68	45	NE	1	o	29.69	+ .06	46	45	− 2	Z	0	m	0	53	43	−
Aberdeen ...	29.69	47	SSE	1	m	29.74	+ .10	45	44	− 1	S	2	m	1	49	43	0.19
Leith	29.66	47	E	1	c	29.73	+ .11	44	44	− 4	ENE	1	of	*	54	42	−
Shields	29.69	46	Z	0	of	29.76	+ .13	44	44	− 6	E	2	f	2	50	41	0.24
Scarborough .	29.67	46	SE	1	o	29.78	+ .12	44	44	− 6	ESE	1	f	1	57	42	−
York	29.66	55	W	1	c	29.77	+ .10	42	42	− 8	S	1	f	*	58	40	−
Nottingham ...	29.67	54	SSW	2	c	29.79	+ .08	43	43	− 7	Z	0	ofw	*	61	33	0.02
Ardrossan ...	29.66	56	WSW	2	bc	29.70	+ .06	50	49	+ 2	SE	1	o	1	59	49	−
Greencastle ...	29.65	52	SW	1	o	29.66	+ .07	47	40	− 3	NE	2	bm	*	59	41	−
Donaghadee ...	29.68	50	NE	1	b	29.71	+ .08	48	48	0	ESE	2	b	1	55	38	−
Kingstown ...	29.70	55	SE	1	bc	29.73	+ .08	49	47	− 2	SE	1	b	1	55	45	0.04
Holyhead ...	29.70	52	SW	1	b	29.74	+ .08	48	47	− 1	SSW	2	bw	1	58	43	0.01
Liverpool (Bidston)	29.69	50	WNW	1	b	29.76	+ .10	44	43	− 9	SE	2	f	1	55	38	0.07
Valencia	29.77	54	WSW	2	bc	29.60	− .14	52	51	0	SE	3	rmg	4	58	49	0.07
Roche's Point...	29.75	53	NNW	4	bc	29.68	− .03	51	50	0	SE	3	f	3	54	46	0.22
Pembroke ...	29.72	52	W	2	b	29.75	+ .05	52	52	+ 2	SSE	1	of	3	52	47	0.01
Portishead ...	29.71	52	W	4	r	29.79	+ .06	45	45	− 4	SW	2	om	2	58	29	0.08
Scilly																	
Plymouth ...	29.78	53	W	3	bc	29.79	+ .02	48	47	− 3	Z	0	om	*	56	48	0.07
Hurst Castle ...	29.74	50	W	4	op	29.79	+ .01	46	45	+ 4	N	1	fw	3	54	42	0.32
Dover	29.73	48	W	3	bc	29.76	− .01	48	48	+ 1	SSE	1	b	1	52	45	0.03
London	29.71	53	WSW	1	po	29.78	+ .02	45	45	− 7	S	1	of	*	59	40	0.20
Oxford	*	*	*	*	*	29.79	+ .05	41	41	− 9	Z	0	f	*	57	39	0.10
Cambridge ...	29.68	52	SW	1	o	29.77	+ .05	47	47	− 3	SW	1	m	*	60	35	0.05
Yarmouth ...	29.69	57	SSW	2	c	29.76	+ .06	48	47	− 2	NNE	1	bm	f	55	43	0.07
The Helder ...	*	*	*	*	*	29.76	+ .09	45	44	− 1	SW	1	f				0.12
Cape Gris Nez	29.76	48	SW	4	m	29.87	+ .03	48	48	+ 2	SW	1	b	0	52	45	−
Jersey	29.86	50	W	5	o	29.86	− .01	47	47	− 3	Z	0	f	0	54	46	−
Brest	29.93	?	W	3	o	29.85	− .07	52	50	0	NW	2	r	4	55	?	0.6
L'Orient	29.95	52	WNW	4	c	29.80	− .08	52	52	0	WNW	3	r	3	61	48	0.12
Rochefort ...	29.99	59	WNW	4	c	29.92	− .08	54	54	0	NW	4	r	3	63	46	0.35
Biarritz	30.12	59	WSW	3	o	30.04	− .04	55	54	− 2	SSW	3	o	3	59	00	0.12
Corunna	*	*	*	*	*				*						*	*	*
Brussels	*	*	*	*	*	29.78	+ .02	50	48	− 1	WSW	3	o	*	59	48	0.04
Charleville ...	*	*	*	*	*	29.77	+ .04	48	*	− 2	WSW	1	r	*	*	*	*
Paris	29.83	53	W	5	r	29.83	− .05	51	47	− 1	W	3	bc	*	*	*	0.08
Lyons	*	*	*	*	*	29.92	− .10	57	*	+ 5	S	2	r	*	*	*	*
Toulon	29.89	55	W	7	b	29.93	− .04	52	48	0	W	4	b	5	61	52	−

YESTERDAY'S 2 P.M. REPORTS AND REMARKS.

	Bar.	Dry.	Wet.	Wind.		Wea.	Sea.		Bar.	Dry.	Wet.	Wind.		Wea.	Sea.
Skudesnaes ...	29.77	49	46	SSW	2	o	3	Valencia	29.69	57	53	SW	2	c	1
Thurso	29.66	52	50	SE	2	o	3	Scilly							
Scarborough ...	29.66	48	47	ESE	1	c	1	London	29.72	57	51	SSW	2	pc	*
Greencastle ...	29.65	56	52	NNW	1	b	*	Rochefort ...	30.01	57	55	W	4	o	3
Holyhead	29.69	57	53	SW	2	c	1								

No important change. In London the clouds are becoming very heavy and sudden showers have fallen occasionally since 9.30 a.m.

EXPLANATION OF COLUMNS.

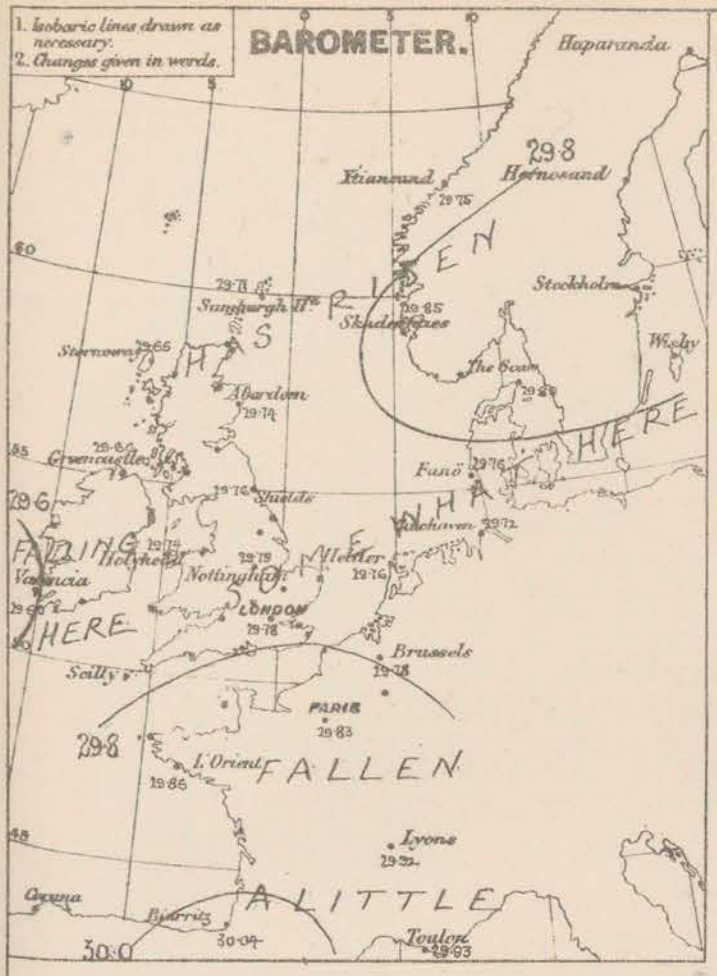
WEATHER.—*Beaufort Scale* is, b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.

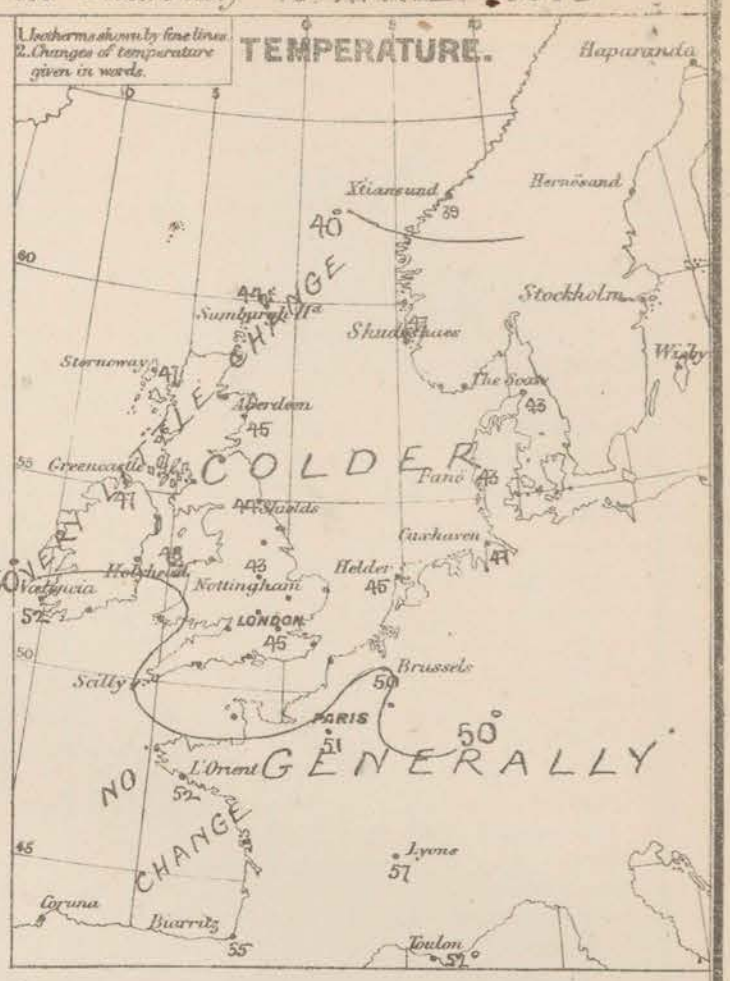
* AN ASTERISK is inserted in all places for which information is not usually received.

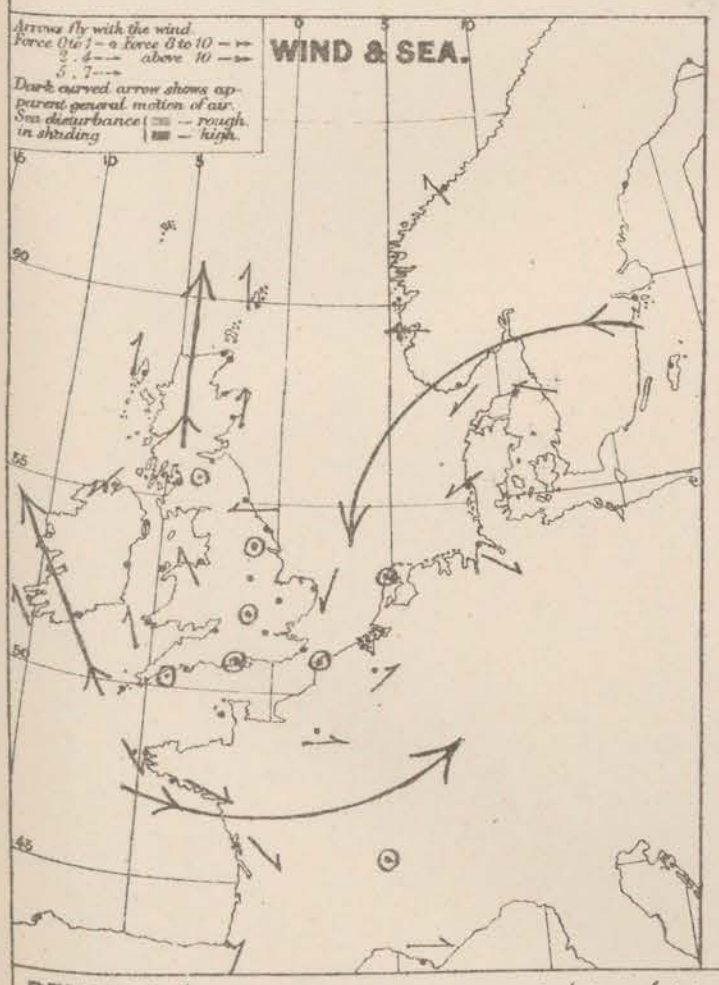
† The evening observations are taken at 8 p.m. in our Islands, at 8 p.m. (Christiania time) in Sweden, Norway, and Denmark, and at 7 p.m. (Paris time) in France.

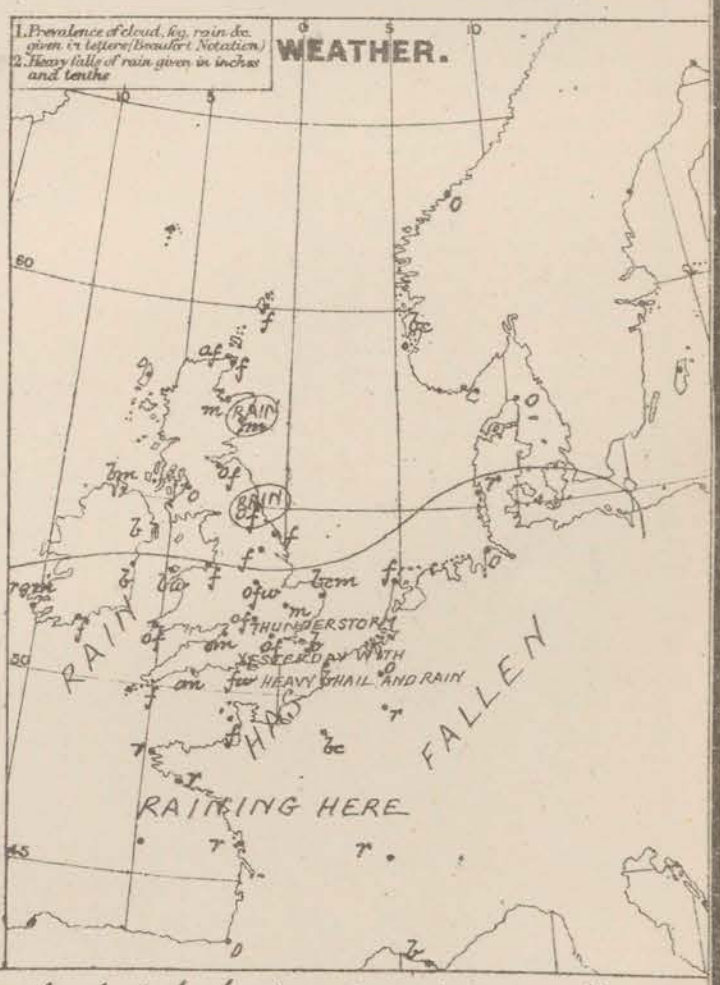
N.B.—The wind is said to "veer" when its direction changes *with the sun*, and to "back" when it shifts in the opposite direction.

WEATHER CHARTS for 8 a.m. on Thursday 18 APRIL 1878









REMARKS. Weather is clear at some of our NW. stations, but is more or less cloudy elsewhere, fog and mist prevail over the greater part of the country, while rain is reported from Valentia and the W. of France. Rain fell at all our more W. and S. stations yesterday, but the amounts were not large, 0·2 in. was measured in London. Thunder was heard at Cambridge yesterday afternoon, and a serious thunderstorm passed over London at 3 p.m. The rain accompanying it was heavy in all places, and so very severe shower of hail occurred in different districts, the stones being as much as ½ an inch in diameter in Piccadilly, and its immediate neighbourhood. Temperature has fallen generally - more particularly over Central England, it is uniform at about 45° over Great Britain, but rises to 52° in the S. of Ireland. Wind is light from W. over France, and from SE to S on our W. coasts, while variable airs prevail in the east. Sea is moderate to smooth.

Barometrical Indications. Pressure is decreasing in the SW, as well as over Scandinavia. Readings are relatively high over Norway and Sweden, and in the S. of France, while they are lowest off the SW. of Ireland.

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Meteorological Office,
116, Victoria Street, Westminster, S.W.

R.H. SCOTT.
Secretary.

DAILY WEATHER REPORT APRIL 19TH 1878.

STATIONS.	† YESTERDAY EVENING.					8 A.M. TO DAY.									PAST 24 HOURS.		
	Barometer at 32° F. and Sea Level.	temp. in shade.	Wind.		Weather.	Barometer.		Shade Temp.			Wind.		Weather.	Sea. (0 to 9.)	Shade Temp.		Amount of Rainfall.
			Direc.	Force. (0 to 12).		Reading at 32° F. and Sea Level.	Difference from 8 a.m. yesterday.	Dry.	Wet.	Difference from 8 a.m. yesterday.	Direc.	Force. (0 to 12).			Max.	Min.	
Haparanda ...	29.82	30	SE	4	o	29.58	− .34	34	32	+ 6	N	2	o	*	?	28	–
Hernösand ...	29.79	42	S	2	c	29.68	− .28	42	39	+ 8	SW	2	o	*	*	*	–
Stockholm ...	29.97	34	SSE	4	b	29.85	− .16	42	37	+ 4	SSW	2	bc	*	*	*	–
Wisby	29.99	35	SE	6	b	29.86	− .05	45	41	+ 6	SE	6	bc	*	*	*	–
Christiansund ...	29.71	43	NSW	6	r	29.75	.00	43	41	+ 4	WSW	5	r	4	45	37	0.28
Skudesnaes ...	29.84	45	SSE	4	o	29.86	+ .01	47	44	0	SSE	1	r	1	48	45	–
Oxö (Ytiansand)	29.89	43	NE	4	o	29.86	− .02	44	40	+ 2	NE	2	o	2	45	41	–
Skagen (The Skaw)	29.88	46	ENE	2	o	29.88	− .01	47	45	+ 4	S	2	c	0	55	39	–
Fanö	29.82	44	E	4	r	29.83	+ .07	46	45	+ 3	SE	2	o	*	46	43	0.04
Cuxhaven ...	29.81	50	NW	1	b	29.85	+ .04	48	48	+ 1	W	2	f	*	50	43	–
Sumburgh Head	29.72	44	S	3	f	29.72	+ .01	44	43	0	S	4	m	4	46	41	–
Stornoway	29.59	50	SSE	2	b	29.51	− .14	47	47	0	SSE	4	c	2	51	43	–
Thurso	29.64	52	SE	3	m	29.61	− .07	45	44	− 3	SSE	3	of	2	60	41	–
Wick	29.66	47	SE	3	f	29.64	− .05	44	44	− 3	S	3	f	1	56	43	–
Nairn	29.64	50	E	1	b	29.61	− .08	50	46	+ 4	Z	0	b	1	58	44	–
Aberdeen ...	29.72	45	S	1	m	29.68	− .06	43	43	− 2	S	1	m	1	49	43	0.02
Leith	29.64	46	ENE	2	c	29.61	− .12	46	45	+ 2	ESE	2	bc	*	51	41	–
Shields	29.72	44	E	2	f	29.70	− .06	42	42	− 2	Z	0	f	0	48	41	–
Scarborough ..	29.75	44	SE	1	f	29.70	− .08	49	48	+ 5	S	1	bc	1	49	41	–
York	29.74	50	SE	2	o	29.71	− .06	46	45	+ 4	S	1	•	*	55	40	–
Nottingham ...	29.73	58	S	1	bc	29.69	− .10	49	48	+ 6	Z	0	r	*	65	44	0.02
Ardrossan ...	29.65	54	SW	1	b	29.56	− .14	49	47	− 2	ENE	2	r	1	59	47	0.12
Greencastle ...	29.57	55	SE	3	o	29.47	− .19	51	50	+ 4	SSE	2	o	*	61	45	0.09
Donaghadee ...	29.64	47	S	4	c	29.53	− .18	49	49	+ 1	SSE	3	f	1	56	45	0.09
Kingstown ...	29.64	50	SE	5	o	29.54	− .17	52	51	+ 3	SE	1	cm	2	53	47	0.06
Holyhead ...	29.67	54	SSW	2	om	29.60	− .14	51	51	+ 3	SSW	3	m	2	58	47	0.05
Liverpool (Bidston	29.66	52	SE	2	bc	29.63	− .13	51	50	+ 7	SE	2	c	1	62	44	0.03
Valencia	29.48	53	SW	3	o	29.41	− .19	53	51	+ 1	SE	5	fg	5	56	50	0.10
Roche's Point...	29.58	51	S	4	f	29.54	− .14	51	51	0	S	3	f	3	54	48	0.24
Pembroke ...	29.64	49	ESE	3	or	29.61	− .14	49	48	− 3	S	2	o	3	52	46	0.19
Portishead ...	29.72	56	SSW	2	c	29.67	− .12	52	52	+ 7	SW	2	o	3	63	42	0.32
Scilly																	
Plymouth ...	29.69	51	SE	3	o	29.65	− .11	52	51	+ 4	SE	1	o	*	57	45	0.25
Hurst Castle ...	29.78	51	SSE	2	bc	29.69	− .10	51	50	+ 5	WSW	4	f	4	54	44	0.14
Dover	29.80	46	W	3	o	29.74	− .02	49	48	+ 1	S	3	od	2	53	43	0.02
London	29.75	50	SW	2	bc	29.70	− .08	51	50	+ 6	S	2	r	*	64	43	0.17
Oxford	*	*	*	*	*	29.68	− .11	48	47	+ 7	Z	0	r	*	61	41	0.05
Cambridge ...	29.75	54	S	1	m	29.70	− .07	49	48	+ 2	S	1	o	*	64	41	–
Yarmouth ...	29.78	49	SSE	2	bm	29.76	.00	44	44	− 4	SE	2	bf	1	58	40	–
The Helder ...	*	*	*	*	*	29.82	+ .06	49	48	+ 4	SSE	1	f	*	*	*	–
Cape Gris Nez	29.83	45	SSW	2	g	29.76	− .05	52	50	+ 4	SSE	3	r	2	52	45	0.04
Jersey	29.77	52	SSE	2	o	29.78	− .08	52	52	+ 5	SW	3	cm	3	54	47	0.16
Brest	29.77	55	NNW	4	m	29.77	− .08	52	52	0	SW	2	m	? 4	?	?	0.28
L'Orient	29.80	54	WSW	3	r	29.81	− .05	54	54	+ 2	SW	3	r	3	55	48	0.39
Rochefort ...	29.90	57	W	4	r	29.92	.00	55	55	+ 1	WSW	4	f	3	63	46	0.32
Biarritz	30.01	61	NNE	1	o	29.93	− .11	63	57	+ 8	ESE	3	bc	3	66	52	–
Corunna	*	*	*	*	*				*						*	*	*
Brussels	*	*	*	*	*	29.82	+ .02	56	49	+ 6	ESE	2	c	*	60	46	–
Charleville ...	*	*	*	*	*	29.82	+ .05	50	*	+ 2	ESE	1	c	*	*	*	*
Paris	29.82	58	SSE	1	bc	29.80	− .02	54	53	+ 3	SE	3	o	*	*	*	0.12
Lyons	*	*	*	*	*	29.94	+ .02	56	*	− 1	S	4	r	*	*	*	*
Toulon	29.89	55	W	6	bc	29.93	.00	55	52	+ 3	NW	5	o	3	61	52	–

YESTERDAY'S 2 P.M. REPORTS AND REMARKS.

	Bar.	Dry.	Wet.	Wind.		Wea.	Sea.		Bar.	Dry.	Wet.	Wind.		Wea.	Sea.
Skudesnaes ...	29.85	48	45	SW	2	c	2	Valencia	29.51	55	54	SE	4	omg	5
Thurso	29.67	50	48	Z	0	cm	0	Scilly							
Scarborough ...	29.77	44	44	SSE	1	f	1	London	29.77	60	52	SSW	1	bcm	*
Greencastle ...	29.60	59	53	SSE	3	bc	*	Rochefort ...	29.96	57	55	WNW	4	o	3
Holyhead	29.72	56	53	SSW	3	b	2								

Pressure has decreased everywhere, while the thermometer has risen briskly.

EXPLANATION OF COLUMNS.

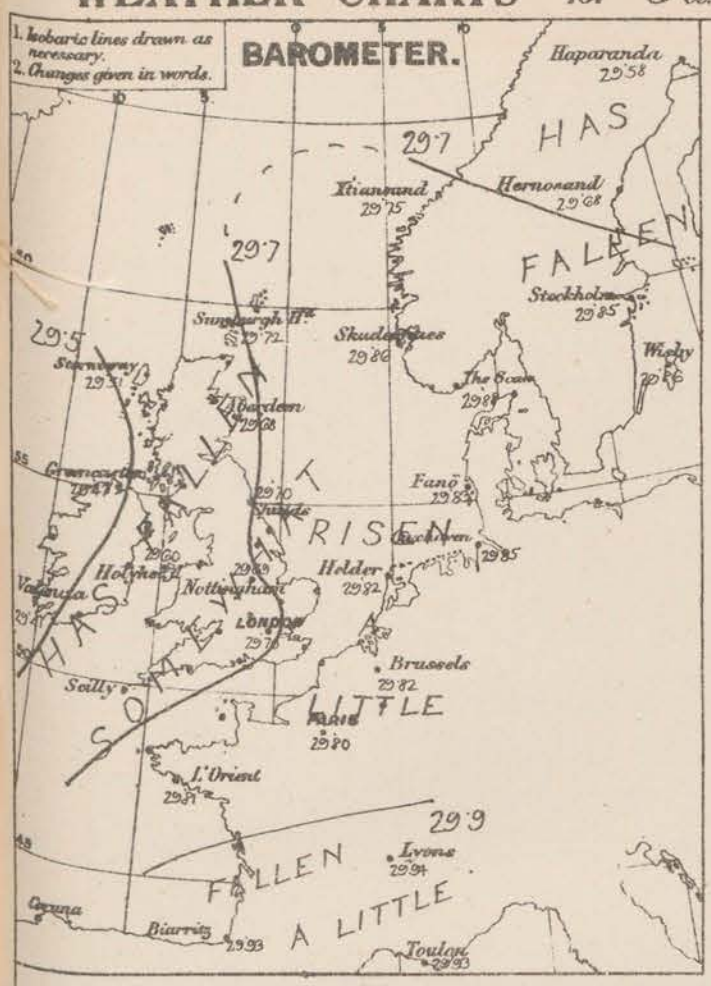
WEATHER.—*Beaufort Scale* is, b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.

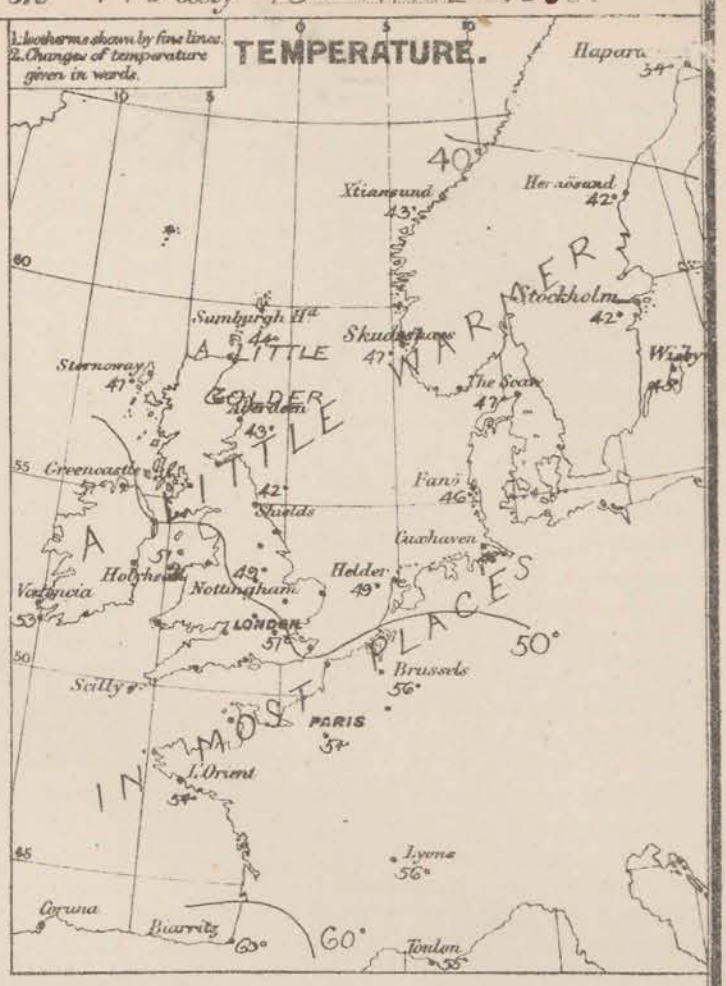
* AN ASTERISK is inserted in all places for which information is not usually received.

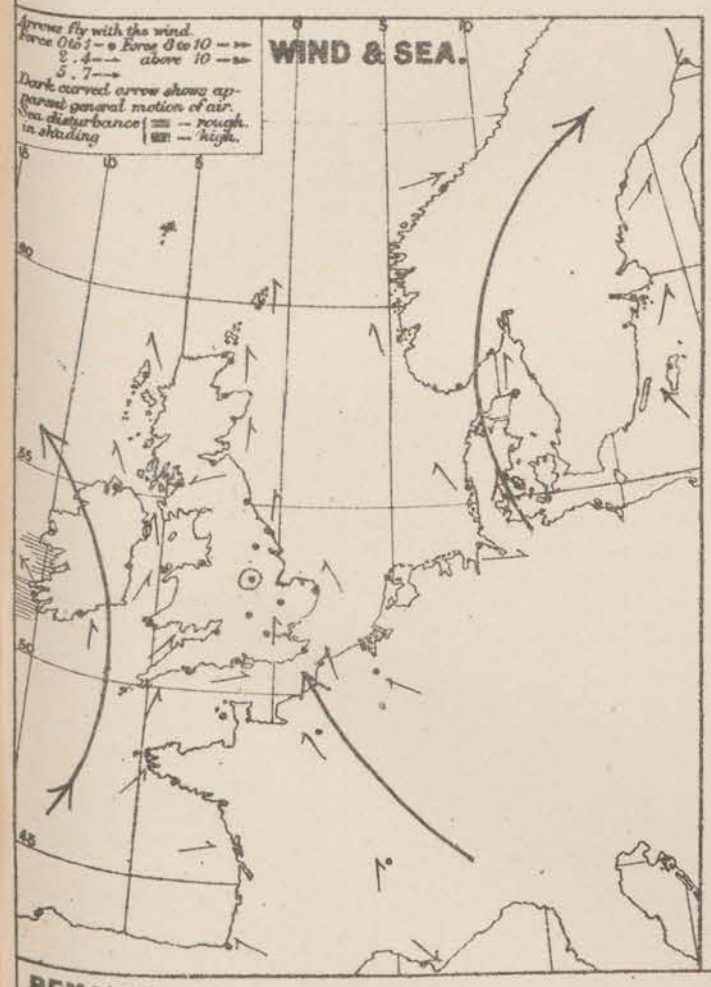
† The evening observations are taken at 6 p.m. in our Islands, at 8 p.m. (Christiania time) in Sweden, Norway, and Denmark, and at 7 p.m. (Paris time) in France.

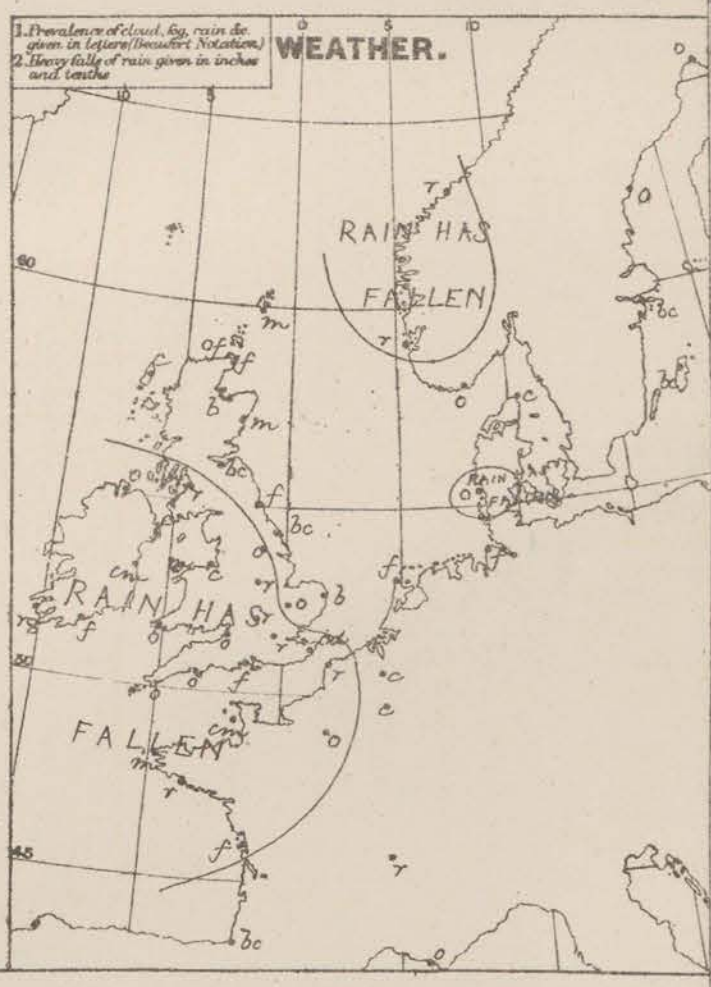
N.B.—The wind is said to "veer" when its direction changes *with the sun*, and to "back" when it shifts in the opposite direction.

WEATHER CHARTS for 8 a.m. on Friday 19th APRIL 1878.









REMARKS. Weather is fine at a few of our east coast stations but is dull, foggy and wet in all other parts of the kingdom and also in France; at Shields, Roches Pt and Hurst Castle the fog is reported to be very dense. Aurora was seen at Nottingham last night, and lunar halo at Oxford. Rain fell at all our more southern stations in the course of yesterday or last night but the amounts measured are not very large. Temperature is a little lower than it was yesterday in the north east of Scotland but is a few degrees higher over the remainder of Western Europe; the readings of the thermometer now vary from 43° to 50° in Scotland, from 49° to 53° in Ireland, and from 42° to 53° in England. The maximum temperatures recorded yesterday were 65° at Nottingham, and 64° at Cambridge and in London. Wind is rather variable at the Continental stations but is generally S. over the United Kingdom; it is light in force at all stations excepting Valentia, where a fresh SE breeze is reported. Sea is rather rough at Valentia, slight or smooth elsewhere.

Barometrical Indications. The general distribution of pressure is not much altered, readings being still highest over the south of France while slight depressions continue to pass in a N. direction along our western coasts. In addition to these disturbances a minor one is found this morning in the neighbourhood of London. The barometer is falling at most stations, but not quickly.

Subscription for these Charts payable in advance to cover delivery. Delivery by hand 10/- per quarter, book post 5/- per quarter.

Meteorological Office, 116, Victoria Street, Westminster, S.W.

R. H. SCOTT. Secretary.

Dangerfield, lith. 59 Bedford St., Covent Garden

DAILY WEATHER REPORT APRIL 20TH 1878.

STATIONS.	† YESTERDAY EVENING. Barometer at 32° F. and Sea Level.	Temp. in shade.	Wind. Direc.	Wind. Force. (0 to 12).	Weather.	8 A.M. TO DAY. Barometer. Reading at 32° F. and Sea Level.	Barometer. Difference from 8 a.m. yesterday.	Shade Temp. Dry.	Shade Temp. Wet.	Shade Temp. Difference from 8 a.m. yesterday.	Wind. Direc.	Wind. Force. (0 to 12).	Weather.	Sea. (0 to 9.)	PAST 24 HOURS. Shade Temp. Max.	Shade Temp. Min.	Amount of Rainfall.
Haparanda ...	29.80	30	NW	2	bc	30.05	+ .47	24	22	− 10	N	4	b	*	39	19	—
Hernösand ...	29.88	37	NE	2	c	30.09	+ .41	34	31	− 8	NE	6	b	*	*	*	—
Stockholm ...	29.75	44	SW	2	b	29.80	− .05	44	37	+ 2	ENE	4	b	*	*	*	—
Wisby	29.84	45	SW	6	c	29.87	+ .01	46	42	+ 1	ENE	6	b	*	*	*	—
Christiansund ...	29.91	40	NE	3	c	29.96	+ .21	39	37	− 4	ENE	2	b	3	45	32	0.28
Skudesnaes ...	29.85	44	SSE	2	o	29.91	+ .05	45	44	− 2	SSE	2	o	2	48	?	—
Oxö (Christiansand)	29.88	44	SW	2	o	29.92	+ .06	40	39	− 4	NNW	2	c	1	45	36	—
Skagen (The Skaw)	29.88	46	SSE	2	b	29.95	+ .07	46	45	− 1	NE	2	o	0	61	39	—
Fanö	29.86	44	Z	0	b	29.87	+ .04	49	47	+ 3	ESE	4	b	*	52	39	—
Cuxhaven ...	29.79	48	NNE	1	c	29.85	.00	48	48	0	ESE	4	f	*	48	43	—
Sumburgh Head	29.71	44	SSE	5	m	29.76	+ .04	45	43	+ 1	SE	5	f	6	46	41	—
Stornoway	29.47	53	SE	1	o	29.46	− .05	50	49	+ 3	SSE	6	o	3	54	45	—
Thurso	29.56	47	SSE	4	o	29.63	+ .02	44	44	− 1	SE	3	of	3	50	43	0.01
Wick	29.60	45	ESE	5	f	29.63	− .01	45	44	+ 1	SSE	5	f	5	52	43	—
Nairn	29.55	55	SSE	1	o	29.56	− .05	47	45	− 3	SSE	1	o	1	59	47	0.01
Aberdeen ...	29.64	44	S	1	m	29.62	− .06	44	44	+ 1	SSE	3	m	2	45	43	0.06
Leith	29.57	49	SSW	2	c	29.53	− .08	48	47	+ 2	ENE	1	o	*	59	44	0.02
Shields	29.62	47	SSE	1	o	29.58	− .12	45	45	+ 3	ESE	2	of	2	49	41	0.01
Scarborough ..	29.65	46	SSE	2	o	29.58	− .12	45	45	− 4	SE	2	m	2	50	44	—
York	29.63	55	SE	1	m	29.57	− .20	50	50	+ 5	ESE	2	o	*	61	44	0.03
Nottingham ...	29.63	55	SE	1	o	29.53	− .16	54	53	+ 5	SSE	2	f	*	58	48	0.11
Ardrossan ...	29.53	54	SE	2	o	29.50	− .06	52	50	+ 3	E	1	fm	1	54	49	0.12
Greencastle ...	29.40	55	S	3	o	29.44	− .03	52	49	+ 1	S	2	b	*	62	48	—
Donaghadee ...	29.50	49	S	4	f	29.48	− .05	49	49	0	SSW	2	o	1	56	47	0.17
Kingstown ...	29.49	51	SE	4	o	29.47	− .09	50	48	− 2	SE	4	bc	3	56	47	0.02
Holyhead ...	29.55	56	S	2	c	29.50	− .10	51	50	0	S	1	f	0	58	50	0.08
Liverpool (Hoylake)	29.57	56	SSE	1	o	29.50	− .13	51	51	0	Z	0	f	1	60	50	0.13
Valencia	29.27	52	SSW	7	cp	29.31	− .10	51	48	− 2	SSE	5	o	5	56	47	0.29
Roche's Point...	29.43	52	S	5	c	29.40	− .14	51	50	0	S	5	bc	4	54	47	0.06
Pembroke ...	29.54	51	SE	3	o	29.50	− .11	48	48	− 1	S	2	of	3	52	46	0.07
Portishead ...	29.52	56	SE	4	c	29.53	− .14	52	52	0	SSE	1	o	2	60	49	0.22
Scilly																	
Plymouth ...	29.59	53	Z	0	o	29.54	− .14	51	50	− 1	Z	0	o	*	56	50	0.11
Hurst Castle ...	29.67	55	SSE	3	o	29.57	− .12	50	49	− 1	WSW	2	f	2	56	48	0.27
Dover	29.74	50	N	2	c	29.59	− .15	53	52	+ 4	N	1	bc	1	53	48	0.07
London	29.67	57	S	3	bc	29.55	− .15	55	54	+ 4	SSE	1	f	*	64	51	0.06
Oxford	*	*	*	*	*	29.54	− .14	51	50	+ 3	Z	0	f	*	60	48	0.11
Cambridge ...	29.67	57	WSW	1	o	29.55	− .13	55	54	+ 6	S	1	f	*	59	49	0.04
Yarmouth ...	29.70	48	S	4	f	29.63	− .13	47	47	+ 3	SSE	3	odf	2	50	43	0.03
The Helder. ...	*	*	*	*	*	29.72	− .10	55	54	+ 6	SE	1	c	*	*	*	—
Cape Gris Nez	29.75	55	S	1	o	29.60	− .16	57	55	+ 5	SSE	3	o	1	59	48	0.08
Jersey	29.70	55	SW	3	o	29.62	− .16	49	49	− 3	SW	2	fm	2	59	45	0.57
Brest	29.67	55	SW	4	f	29.63	− .14	52	50	0	S	3	b	5	?	?	0.20
L'Orient	29.72	54	SSW	3	r	29.69	− .12	52	52	− 2	W	3	b	3	59	48	0.43
Rochefort ...	29.77	61	S	3	o	29.74	− .18	55	54	0	WSW	4	o	3	66	48	0.16
Biarritz	29.78	64	S	2	o	29.85	− .08	59	55	− 6	S	3	bc	3	73	54	0.20
Corunna	*	*	*	*	*				*						*	*	*
Brussels	*	*	*	*	*	29.69	− .13	55	54	− 1	SSW	1	f	*	63	54	0.04
Charleville ...	*	*	*	*	*	? 29.72	− .10	54	*	+ 4	SE	1	c	*	*	*	*
Paris	29.81	57	S	3	r	29.62	− .18	56	53	+ 2	SE	2	o	*	*	*	0.40
Lyons	*	*	*	*	*	29.90	− .04	61	*	+ 5	SE	2	c	*	*	*	*
Toulon	29.91	57	W	5	bc	29.68	− .25	52	52	− 3	E	5	o	3	? 86	?	—

YESTERDAY'S 2 P.M. REPORTS AND REMARKS.

	Bar.	Dry.	Wet.	Wind.		Wea.	Sea.
Skudesnaes ...	29.89	48	46	SSW	2	o	2
Thurso							
Scarborough ...							
Greencastle ...							*
Holyhead							

	Bar.	Dry.	Wet.	Wind.		Wea.	Sea.
Valencia							
Scilly							
London							*
Rochefort. ...	29.91	63	59	SW	4	c	3

EXPLANATION OF COLUMNS.

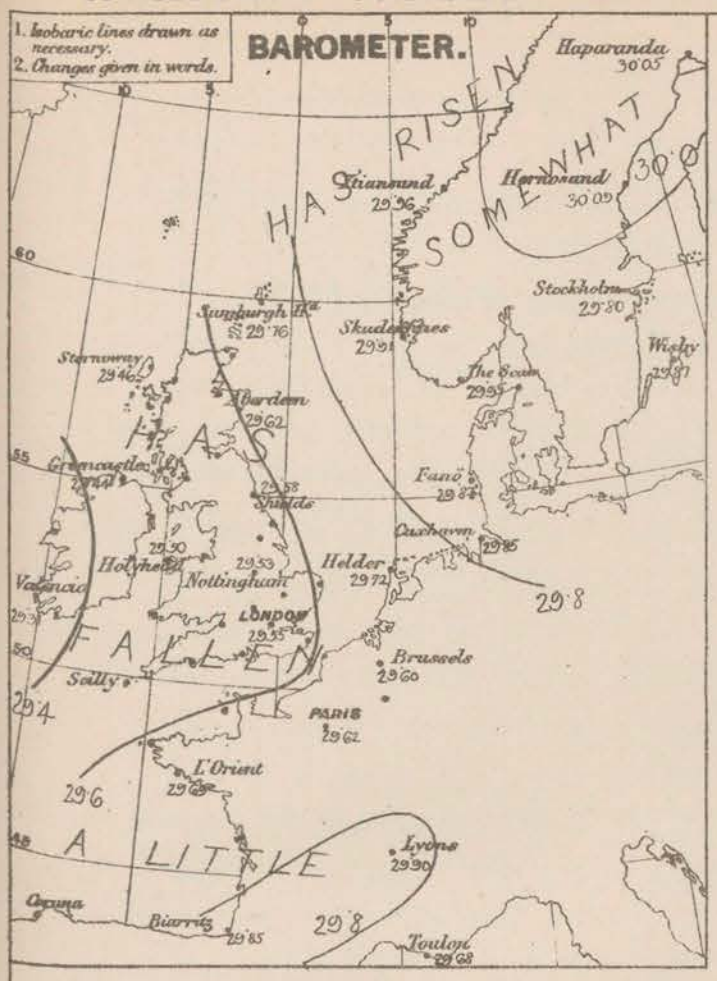
WEATHER.—*Beaufort Scale* is, b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency w. dew

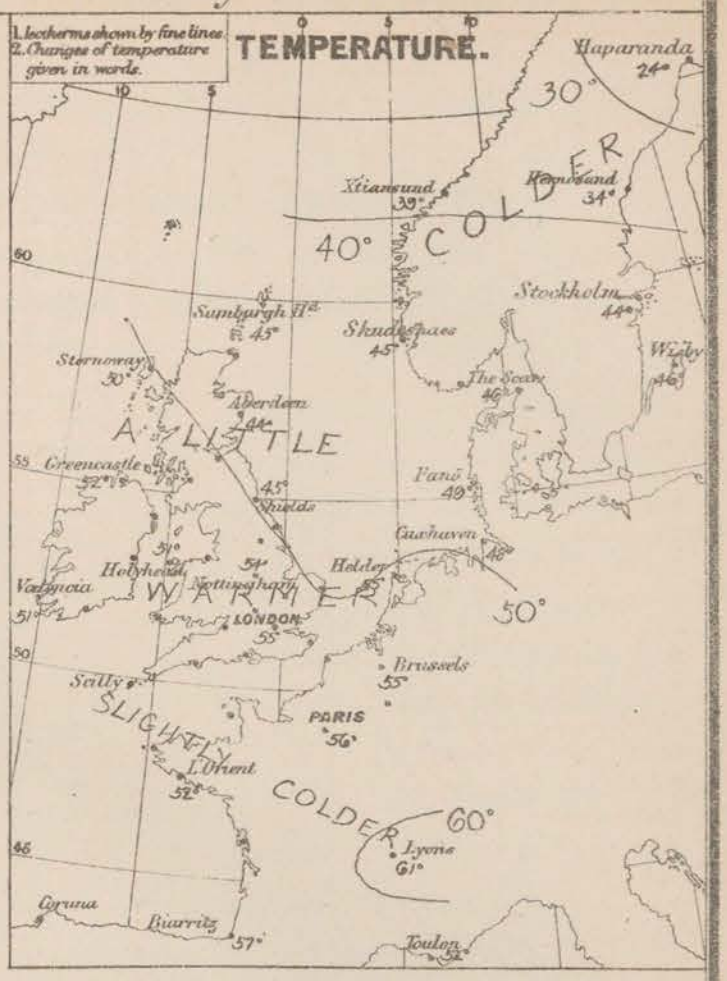
* AN ASTERISK is inserted in all places for which information is not usually received.

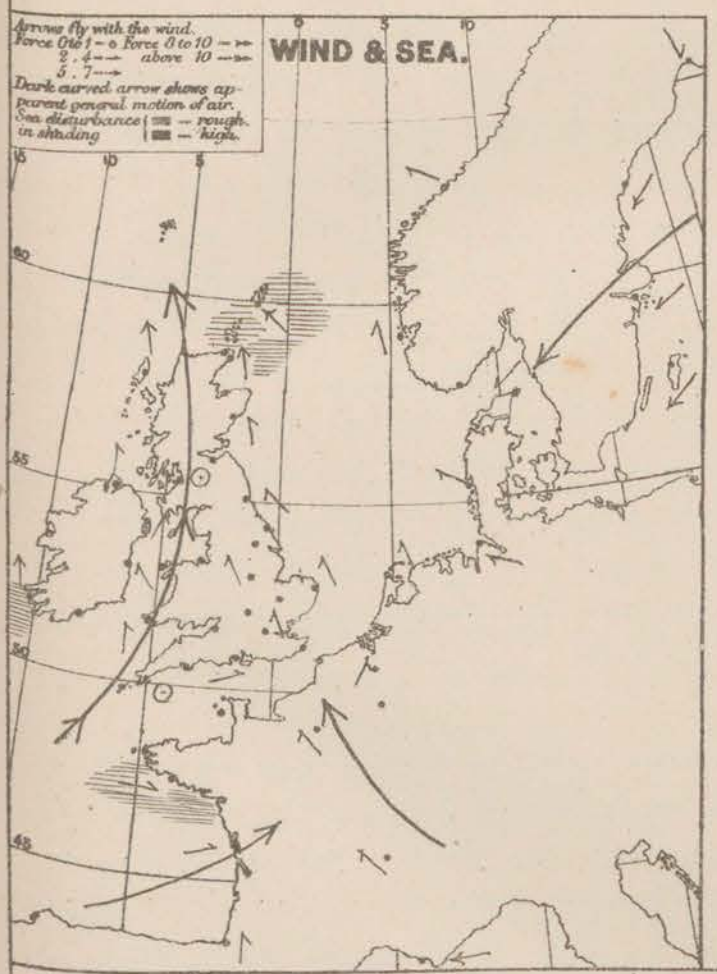
† The evening observations are taken at 6 p.m. in our Islands, at 8 p.m. (Christiania time) in Sweden, Norway, and Denmark, and at 7 p.m (Paris time) in France.

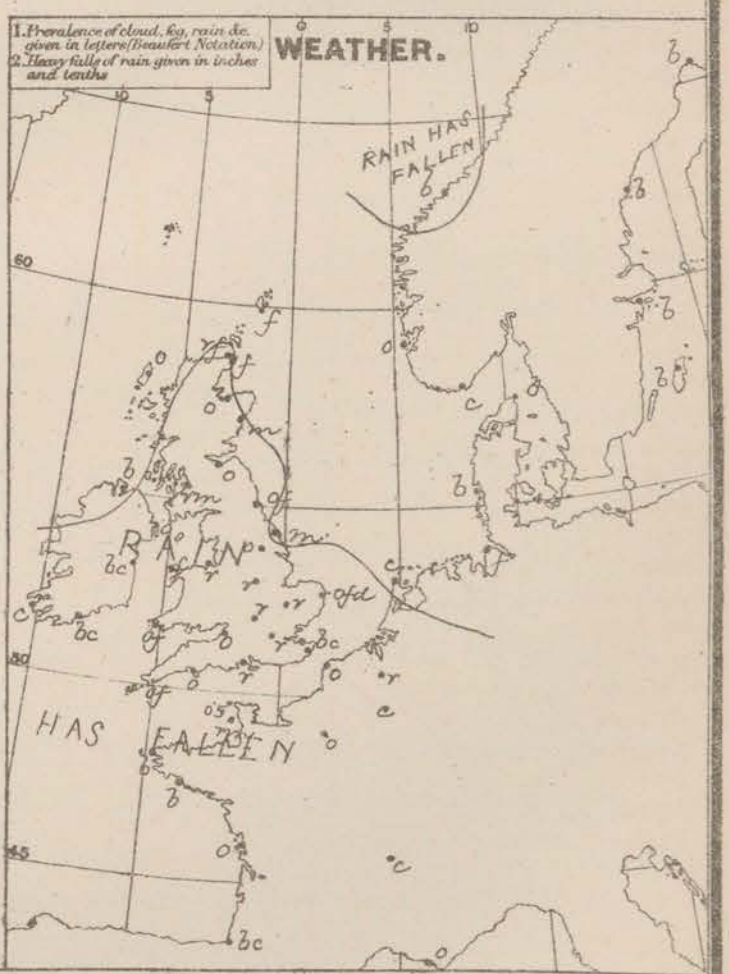
N.B.—The wind is said to "veer" when its direction changes *with the sun*, and to "back" when it shifts in the opposite direction.

WEATHER CHARTS *for 8 a.m. on Saturday 20th April 1878.*









REMARKS. Weather is moderately clear at many of the Irish stations and in Brittany, but in nearly all other places the sky is overcast, with a good deal of fog and mist, and heavy rain over south eastern England, as well as at Aberdeen and Holyhead. Rain has fallen, though in small amounts, at most of our stations. Temperature has risen slightly over the greater part of these Islands but fallen on the Continent; it varies from 55° in the south east to 44° in the north of Scotland. Wind is light and variable over Central England but is moderate to fresh from S. over Ireland and Scotland; over the west of France W. and on the eastern shores of the North Sea E. breezes are reported. Sea is rather rough at Brest, Valentia and the Shetland Isles, but is slight or smooth elsewhere.

Barometrical Indications. Pressure has risen briskly over the Gulf of Bothnia and slightly over the whole of Scandinavia, Denmark, North Germany and the north of Holland, but has fallen over the remainder of our Islands and France. The lowest readings lie to the W. of Ireland, but a small subsidiary depression is shown over England.

Subscription for these Charts payable in advance to cover delivery. Delivery by hand 10/- per quarter, book post 5/- per quarter.

Meteorological Office,
116, Victoria Street, Westminster, S.W.

R.H. SCOTT.
Secretary.

SUMMARY OF WEATHER IN WESTERN EUROPE

from APRIL 14TH *to* APRIL 20TH 1878.

(Issued Weekly as a Supplement to the "Daily Weather Report.")

The distribution of pressure during this week has undergone considerable alteration, but the change has been gradual and unaccompanied by any important disturbance. At first readings were highest in the SErn portion of our area and Sly breezes prevailed as slight disturbances moved slowly Nwd along our Wrn coasts. The weather was moderately fine and warm though rain fell in small amounts on most days. On the 18th the mercury began to give way over France and on the 20th the highest pressures were reported from Sweden, while the winds on our coasts changed to SE. On the 17th a sharp thunderstorm passed over London causing heavy hail and rain, but the weather has on the whole been quiet.

APRIL 14TH Pressure was increasing slightly at some of our south-western and of the French stations, but decreasing over the greater part of Western Europe; it was highest (30·1 ins.) in the east of France, and lowest (29·7 ins.) off our western coasts, where numerous slight depressions were shown passing Nwd. Wind was Sly on all coasts, and was moderate or light in force, except at Valentia, where it blew strongly. Temperature had risen and was very uniform over these Islands at about 50°. Weather was fine in the SE. but more or less cloudy elsewhere, with rain in the SE. of Ireland. Scarcely any change occurred in the relative or actual distribution of pressure during the day, but the wind rose somewhat in the N.

APRIL 15TH Pressure was giving way over Scotland and in the countries to the eastward of the North Sea, but was increasing over Ireland, England and France; the changes were very slight. Reading varied from 30·27 ins. at Toulon, to 29·65 ins. at Stornoway and 29·62 ins. at Haparanda. Wind was Ely in the south-west of France, but Sly to SWly in all other parts of our area, it was again very light in force except in the south-west of Ireland, where it was locally strong. A further very slight rise had occurred in temperature, and it continued exceedingly uniform at about 50°. Weather was clear in the SE. and E. but cloudy or overcast generally with fog or mist at several of our stations and rain in the S. of Norway. At 6 P.M. the barometer was recovering over Scotland while it was decreasing at all the more Srn stations. The wind remained Sly.

APRIL 16TH Pressure was not changing much, it was increasing slightly in the SW. of France and over the Gulf of Bothnia but was decreasing at all other stations; readings were highest over the Peninsula, lowest off our west coasts. A small secondary depression lay over the Netherlands. Wind was variable and very light at our central and eastern stations, light or moderate Sly in the west. Temperature had decreased generally; it was very uniform at 50° over these Islands. Weather varied considerably, it was clear in the NE. but was cloudy and misty in most other places with rain in the SE. In the evening the mercury was rising slightly over France but was falling on our coasts; the winds had shifted to SW. at our south-western stations, and the low pressure off our Wrn coasts was apparently passing away Nwd.

APRIL 17TH The changes in pressure were again very slight, the shallow depression noticed off our western coasts on the 16th, had advanced slowly Nwd to the west of Scotland, the barometer had consequently risen slightly at some of the Irish stations, whilst it had fallen in nearly all other places.

Readings were still highest over the south-west of France. Westerly breezes prevailed over France, the Channel and the greater part of the British Isles, but in the north, S.E. to S.E. airs continued. A slight fall of temperature had occurred in the north, but elsewhere readings were very similar to those of yesterday; they varied from 52° in the south-west to 46° in the N.E. Weather was unsettled and overcast or cloudy in all parts of these Islands. Rain had been general and still continued at 8 a.m. on our N.E. coasts. In the evening pressure was increasing at all except our south-eastern stations, in which neighbourhood a small subsidiary disturbance was shown. A sharp thunderstorm with heavy hail passed over the Metropolis at 3 p.m.

APRIL 18TH. The only important changes in pressure were a slight rise of the barometer over Scandinavia, and a slight fall at Valentia, elsewhere the alteration was insignificant; two areas of high pressure (30·0 ins.) were reported, one over the south-west of France, the other over the Baltic, while the lowest reading was 29·6 ins at Valentia. Wind was light on all coasts,— from west over France, and from S.E. to E. over the British Isles. Temperature was a few degrees lower generally, it varied from 52° in the south-west, and 48° at Thurso to 42° at York. Sky was overcast or cloudy except in the north-west with rain over France and at Valentia and fog or mist at the majority of our stations. Pressure continued to decrease during the day and at 6 PM a small depression was shown near Valentia, where, however, the wind was veering.

APRIL 19TH. The mercury had risen slightly over North Germany but fallen at all other stations, the changes, however, being still very slight; the general distribution was little altered, the small depression noticed near Valentia on the previous evening was travelling away Northward, but a fresh one was advancing towards that station. Wind was fresh from South-east in the south of Ireland, but was light from south-west over France, and from south over Great Britain. Temperature was a little higher in most places; it varied from 53° at Valentia to 42° at Shields. Weather was overcast generally with fog or rain at a great many stations. In the evening the barometer was still falling over the whole of these Islands, the change was greatest at Valentia off which station a depression was lying and where the southerly wind had risen to a moderate gale.

APRIL 20TH. Pressure was increasing quickly in the north of Sweden and slightly over the whole of Scandinavia, Denmark and the North-east of Scotland, but in all other places it was decreasing. Readings varied from 30·05 ins: over the Gulf of Bothnia to 29·3 ins: at Valentia but a small subsidiary disturbance lay apparently over south-eastern England. Wind was westerly in France, but southerly over the greater part of Western Europe; it blew freshly in the extreme north and west. Temperature had risen slightly at our own, and fallen at the French stations. Weather was overcast and rain had been general and continued over Central England. Little change occurred during the day.

Meteorological Office,
116 *Victoria Street, Westminster, S.W.*
ROBERT H. SCOTT, Secretary.

DAILY WEATHER REPORT April 21st 1878.

STATIONS.	† YESTERDAY EVENING. Barometer at 32° F. and Sea Level.	Temp. in shade.	Wind. Direc.	Wind. Force. (0 to 12).	Weather.	8 A.M. TO DAY. Barometer. Reading at 32° F. and Sea Level.	Barometer. Difference from 8 a.m. yesterday.	Shade Temp. Dry.	Shade Temp. Wet.	Shade Temp. Difference from 8 a.m. yesterday.	Wind. Direc.	Wind. Force. (0 to 12).	Weather.	Sea. (0 to 9.)	PAST 24 HOURS. Shade Temp. Max.	Shade Temp. Min.	Amount of Rainfall.
Haparanda ...	30·12	26	W	2	b	30·24	+·19	26	23	+ 2	NE	2	bc	*	32	19	-
Hernösand ...	30·20	30	SSE	2	b	30·23	+·14	35	31	+ 1	SSE	4	c	*	*	*	-
Stockholm ...	30·08	36	NE	2	bc	30·20	+·40	36	35	− 8	NNE	2	b	*	*	*	-
Wisby	30·03	36	NNE	6	b	30·12	+·25	39	35	− 7	ENE	6	b	*	*	*	-
Christiansund ...	29·99	43	NNE	3	b	30·05	+·09	42	40	+ 3	E	1	b	3	45	30	-
Skudesnaes ...	29·93	51	ENE	4	o	29·99	+·08	52	48	+ 7	E	4	b	3	52	45	-
Oxö (Christiansand)	29·95	48	NE	4	c	30·05	+·13	45	42	+ 5	NE	4	b	2	48	?	-
Skagen (The Skaw)	29·97	49	SSE	5	c	30·10	+·18	43	37	− 3	SSE	5	b	4	54	39	-
Fanö	29·84	49	ESE	6	b	29·90	+·03	47	44	− 2	E	6	b	*	57	43	-
Cuxhaven ...	29·83	57	ESE	4	c	29·85	·00	49	49	+ 1	ESE	5	c	*	?	45	-
Sumburgh Head	29·80	45	SE	5	c	29·84	+·08	48	45	+ 3	E	5	b	5	48	41	-
Stornoway	29·52	50	SE	2	r	29·57	+·11	49	47	− 1	E	6	b	4	54	44	0·02
Thurso	29·66	45	SE	4	o	29·69	+·06	47	46	+ 3	ESE	5	bcm	3	48	43	0·01
Wick	29·67	44	SE	6	f	29·67	+·04	47	47	+ 2	ESE	7	r	7	47	43	0·01
Nairn	29·57	51	ENE	2	bc	29·62	+·06	50	47	+ 3	ENE	2	o	2	56	47	-
Aberdeen ...	29·64	45	SSE	1	m	29·62	·00	45	45	+ 1	ESE	2	o	3	46	44	0·15
Leith	29·49	49	SE	3	o	29·51	−·02	46	46	− 2	E	2	o	*	53	45	0·09
Shields	29·53	45	E	3	f	29·58	·00	51	49	+ 6	SW	2	b	2	51	43	0·47
Scarborough ..	29·52	46	SE	3	r	29·65	+·07	48	48	+ 3	SE	2	c	3	49	45	0·55
York	29·48	52	E	1	m	29·63	+·12	49	46	− 4	S	1	o	*	59	43	0·50
Nottingham ...	29·49	51	E	0	r	29·62	+·09	51	49	− 3	S	3	bc	*	57	40	0·65
Ardrossan ...	29·46	51	WSW	1	rm	29·52	+·02	49	47	− 3	NE	1	om	o	53	48	1·43
Greencastle ...	29·44	52	ENE	2	o	29·52	+·08	50	48	− 2	S	1	b	*	58	41	-
Donaghadee ...	29·48	48	SSE	2	f	29·55	+·07	49	49	0	N	3	b	2	54	45	0·01
Kingstown ...	29·46	52	SE	3	o	29·52	+·05	48	47	− 2	E	0	omd	0	53	47	0·04
Holyhead ...	29·47	54	E	3	b	29·51	+·01	50	48	− 1	SE	2	o	1	57	47	0·01
Liverpool (Bidston)	29·46	51	NE	1	o	29·55	+·05	49	48	− 2	E	2	o	1	53	43	0·22
Valencia	29·36	50	SSW	2	c	29·56	+·25	51	48	0	NNW	2	c	3	53	43	0·12
Roche's Point...	29·38	53	SSE	4	c	29·48	+·08	45	44	− 6	NNE	4	r	4	56	44	0·24
Pembroke ...	29·42	51	SE	3	cp	29·45	−·05	44	44	− 4	N	1	on	5	53	43	0·30
Portishead ..	29·46	56	SW	3	b	29·48	−·05	50	49	− 2	SE	3	c	3	60	41	-
Scilly	29·46	52	SW	6	c	29·49		47	46		NNW	6	c	7	56	46	0·09
Plymouth ...	29·47	52	S	1	o	29·47	−·07	50	49	− 1	SW	2	bc	4	57	45	0·07
Hurst Castle ...	29·52	52	W	1	bc	29·54	−·03	52	50	+ 2	SW	5	b	6	53	46	0·30
Dover	29·53	48	W	3	o	29·67	+·08	52	49	− 1	SSW	3	b	2	54	45	0·16
London	29·50	55	WNW	1	or	29·63	+·08	52	49	− 3	S	3	c	*	56	46	0·42
Oxford	*	*	*	*	*	29·59	+·05	48	46	− 3	SE	2	o	*	54	45	0·36
Cambridge ...	29·50	50	WSW	1	c	29·64	+·09	50	49	− 5	SSE	1	b	*	59	44	0·75
Yarmouth ...	29·47	49	SE	5	dcm	29·67	+·04	47	46	0	SSE	1	bcm	1	50	43	0·08
The Helder. ...	*	*	*	*	*	29·71	−·01	51	50	− 4	S	1	c	*	*	*	0·12
Cape Gris Nez	29·58	48	SW	4	m	29·69	+·09	48	48	− 9	S	3	b	2	63	48	0·12
Jersey	29·56	50	SW	3	o	29·64	+·02	51	49	+ 2	SW	5	bcm	4	52	47	0·16
Brest	29·58	57	W	5	o	29·63	·00	50	48	+ 2	W	5	o	7	?	?	0·12
L'Orient	30·02	50	NW	5	bc	29·72	+·03	52	50	0	W	6	b	7	57	45	0·20
Rochefort ...	29·76	55	WNW	7	o	29·82	+·08	54	50	− 1	WNW	6	c	4	64	48	0·20
Biarritz	29·94	59	WSW	6	r	?	?	54	46	− 3	WSW	6	r	4	70	46	0·08
Corunna	*	*	*	*	*	30·11	+·21	55	*	− 3	SW	6	cr	7	*	*	*
Brussels	*	*	*	*	*	29·73	+·04	52	49	− 3	SW	1	bc	*	67	50	0·16
Charleville ...	*	*	*	*	*	?29·70	−·02	50	*	− 4	W	3	o	*	*	*	*
Paris	29·62	57	SSW	3	bc	29·76	+·14	50	47	− 6	SW	2	bc	*	*	*	-
Lyons	*	*	*	*	*	29·84	−·06	55	*	− 6	SE	4	c	*	*	*	*
Toulon	29·74	52	SE	4	r	29·65	−·03	46	43	− 6	NW	6	c	7	54	?	0·91

YESTERDAY'S 2 P.M. REPORTS AND REMARKS.

	Bar.	Dry.	Wet.	Wind.		Wea.	Sea.		Bar.	Dry.	Wet.	Wind.		Wea.	Sea.
Skudesnaes ...	29·92	50	48	SSE	2	o	2	Valencia	29·34	50	47	S	3	o p	4
Thurso	29·65	46	46	SSE	4	o f	3	Scilly	29·44	54	51	WSW	5	o p	7
Scarborough ...	29·54	46	46	SE	2	m	2	London	29·49	53	52	NW	1	o r	*
Greencastle ...	29·45	56	52	E	2	o	*	Rochefort ...	29·73	59	55	WSW	5	bc	3
Holyhead	29·49	56	53	SSW	1	o	8								

Pressure still increases at our N. stations and at Valentia a slight recovery has commenced since the morning; over England, however, the mercury still falls. The wind is very light but a heavy swell is running in on our SW. coasts.

EXPLANATION OF COLUMNS.

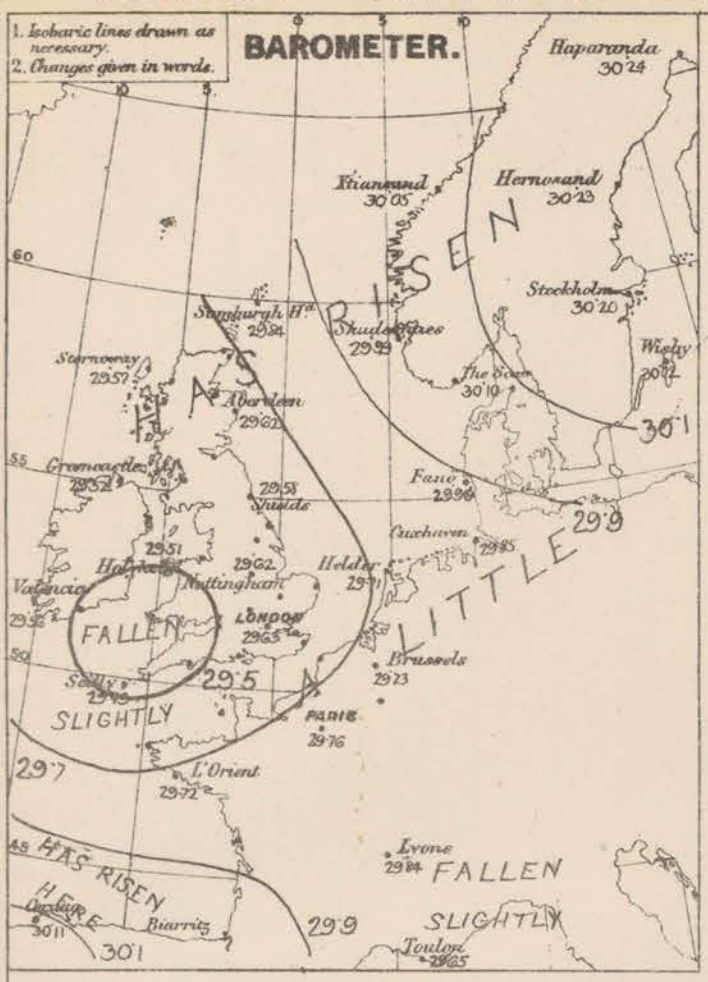
WEATHER.—*Beaufort Scale* is, b. blue sky, c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning, m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency w. dew.

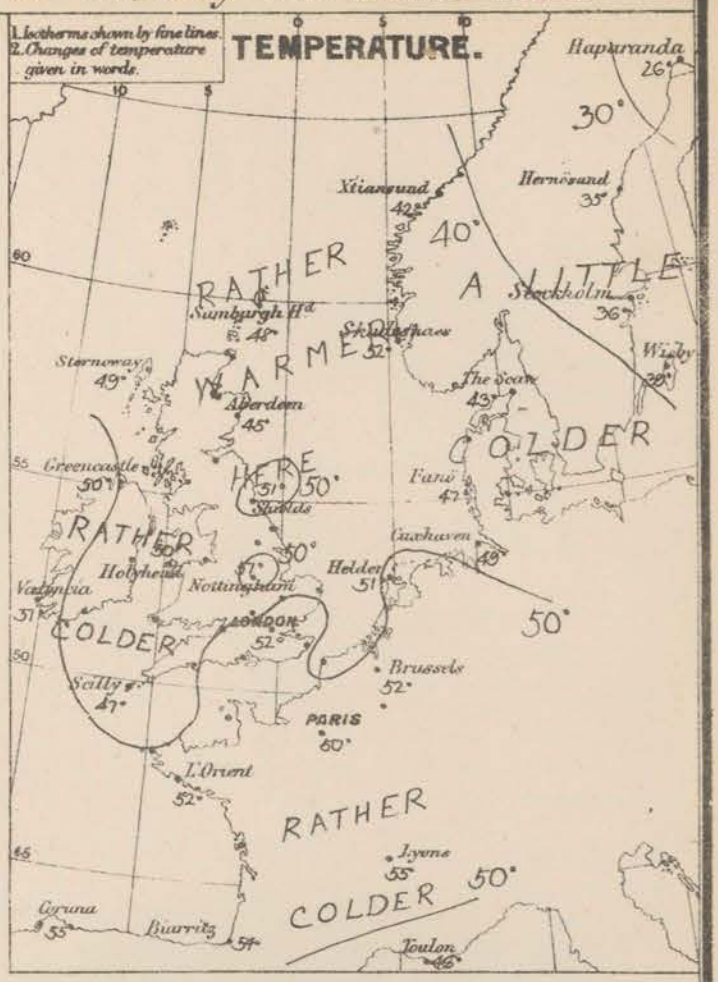
* AN ASTERISK is inserted in all places for which information is not usually received.

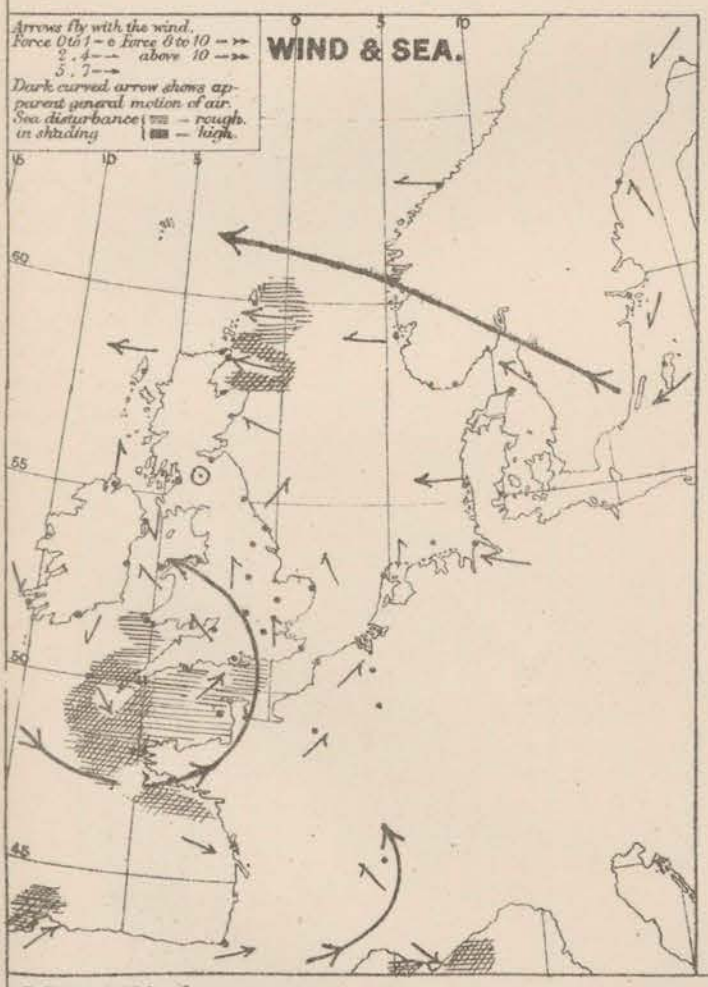
† The evening observations are taken at 6 p.m. in our Islands, at 8 p.m. (Christiania time) in Sweden, Norway, and Denmark, and at 7 p.m. (Paris time) in France.

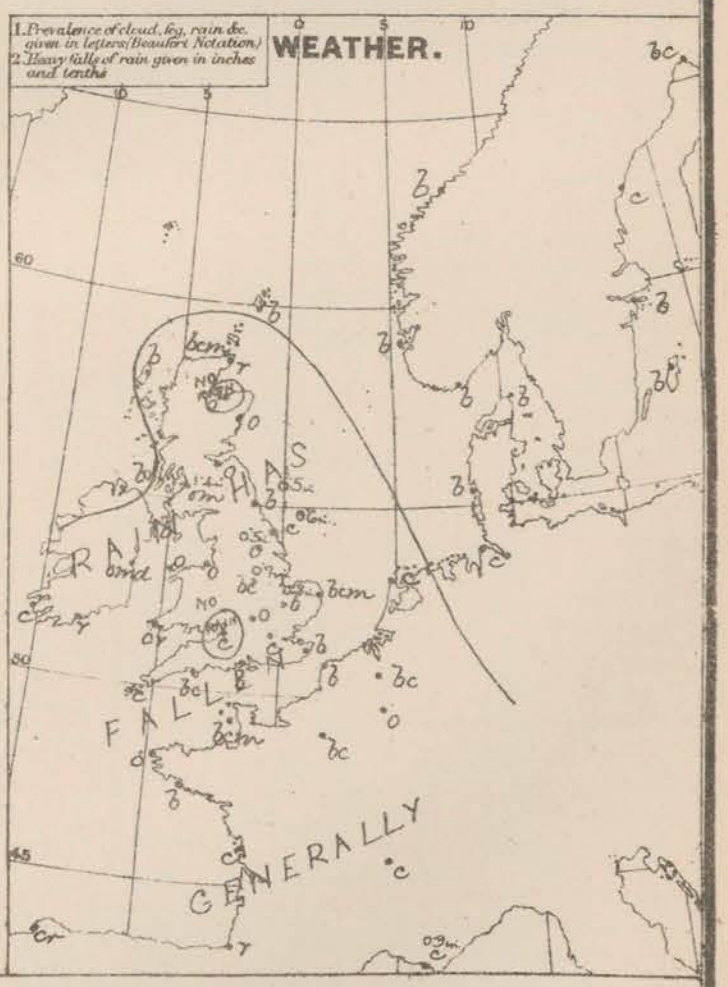
N.B.—The wind is said to "veer" when its direction changes with the sun, and to "back" when it shifts in the opposite direction.

WEATHER CHARTS *for 8 a.m. on Sunday 21st April 1878.*









REMARKS. Weather is overcast, with rain, on the shores of the St Georges Channel and also in the east of Scotland, but is moderately fine in most other districts. Rain fell yesterday over nearly the whole of these Islands and France; the falls were heavy in the north of England and south of Scotland, the largest amount reported being that at Ardrossan where 1·43 in was measured. Temperature has risen a little in some parts of Scandinavia and the north east of Scotland, but fallen a few degrees in most other places; it now varies from 46° to 50° in Scotland, from 45° to 51° in Ireland and from 46° to 52° in England. The maxima registered yesterday did not reach 60° in any part of our Islands. Wind is fresh to strong from W over the Bay of Biscay, light from S on our south east coasts, and strong from E in the north of Scotland, while in Ireland and the Scilly Islands N to NW breezes are blowing. Sea is high at Brest and the entrance to the Channel, slight or smooth on our other coasts. Barometrical Indications. A shallow depression has advanced to the mouth of the Bristol Channel in the course of the night, and the barometer has consequently fallen a little on our south west coasts, but in all other parts of Western Europe a rise has occurred. The highest readings are now lying over Sweden, but gradients are very slight.

Subscription for these Charts payable in advance to cover delivery. Delivery by hand 10/ per quarter, book post 5/ per quarter.

Meteorological Office,
116, Victoria Street, Westminster, S.W.

R. H. SCOTT.
Secretary

DAILY WEATHER REPORT — April 28th 1878.

STATIONS.	† YESTERDAY EVENING. Barometer at 32° F. and Sea Level.	Temp. in shade.	Wind. Direc.	Wind. Force. (0 to 12).	Weather.	8 A.M. TO DAY. Barometer. Reading at 32° F. and Sea Level.	Barometer. Difference from 8 a.m. yesterday.	Shade Temp. Dry.	Shade Temp. Wet.	Shade Temp. Difference from 8 a.m. yesterday.	Wind. Direc.	Wind. Force. (0 to 12).	Weather.	Sea. (0 to 9.)	PAST 24 HOURS. Shade Temp. Max.	Shade Temp. Min.	Amount of Rainfall.
Haparanda ...	30·32	27	Z	0	0	30·21	-·03	29	28	+ 3	SW	4	0	*	32	21	-
Hernösand ...	30·37	30	Z	0	b	30·36	+·13	35	33	0	S	4	b	*	*	*	-
Stockholm ...	30·26	37	S	2	0	30·41	+·21	41	35	+ 5	S	2	b	*	*	*	-
Wisby	30·19	33	ESE	4	b	30·32	+·20	40	36	+ 1	E	4	b	*	*	*	-
Christiansund ...	30·09	44	ENE	1	b	30·21	+·16	50	45	+ 8	ESE	2	c	1	48	34	-
Skudesnaes ...	30·12	46	E	1	b	30·25	+·26	50	47	− 2	SSE	2	b	2	54	45	-
Oxö (Christiansand)	30·17	46	NNE	4	b	30·29	+·24	44	40	− 1	ENE	4	b	3	46	41	-
Skagen (The Skaw)	30·17	47	Z	0	b	30·31	+·21	42	36	− 1	E	4	b	4	57	37	-
Fanö	30·05	42	ESE	6	b	30·12	+·22	44	41	− 3	E	6	b	*	55	37	-
Cuxhaven ...	29·99	55	E	4	b	30·04	+·19	48	46	− 1	ESE	4	b	*	?	41	-
Sumburgh Head	29·91	45	SE	6	0	30·05	+·11	46	44	− 2	SE	6	c	6	49	44	-
Stornoway	29·69	52	S	4	c	29·88	+·31	50	49	+ 1	Z	0	bc	0	52	43	0·01
Thurso	29·77	48	SE	4	c	29·96	+·27	47	45	0	SE	3	om	2	50	43	0·02
Wick	29·85	45	ESE	5	f	29·98	+·31	45	45	− 2	ESE	4	f	6	49	43	0·02
Nairn	29·77	55	SE	1	c	29·94	+·32	48	43	− 2	Z	0	b	2	59	39	-
Aberdeen ...	29·83	47	SE	2	m	30·02	+·40	45	45	0	SE	1	m	2	51	43	0·01
Leith	29·70	58	SE	2	bc	29·95	+·44	44	44	− 2	ENE	2	af	*	61	41	-
Shields	29·78	44	SE	3	go	29·97	+·39	44	44	− 7	NE	1	f	3	56	41	-
Scarborough ..	29·82	43	SE	1	f	29·96	+·31	45	45	− 3	NE	1	m	3	?	43	0·01
York	29·77	54	E	1	bc	29·94	+·31	48	47	+ 1	ENE	1	o	*	59	42	-
Nottingham ...	29·73	55	SE	3	bc	29·92	+·30	51	49	0	NNE	2	ow	*	59	44	-
Ardrossan ...	29·73	54	WNW	1	c	29·91	+·39	48	46	− 1	NE	3	mc	1	58	48	0·01
Greencastle ...	29·70	52	SW	2	c	29·83	+·31	54	52	+ 4	E	2	b	*	59	44	0·01
Donaghadee ...	29·73	51	NNE	2	b	29·88	+·33	50	49	+ 1	E	3	b	1	55	45	-
Kingstown ...	29·71	52	NE	3	b	29·87	+·35	49	47	+ 1	SSE	4	b	3	53	45	0·05
Holyhead ...	29·67	55	E	2	c	29·87	+·36	54	49	+ 4	E	2	b	1	57	46	-
Liverpool (Bidston)	29·70	55	E	3	b	29·89	+·34	50	48	+ 1	SE	1	c	1	56	47	0·05
Valencia	29·77	54	NW	3	mbc	29·78	+·22	51	49	0	ESE	2	c	3	59	44	-
Roche's Point...	29·76	52	NNW	3	c	29·80	+·32	48	46	+ 3	NNE	1	bc	3	56	45	0·04
Pembroke ...	29·64	52	Z	0	b	29·84	+·39	48	47	+ 4	ESE	2	b	3	53	?	0·13
Portishead ...	29·54	54	ESE	6	c	29·66	+·38	45	45	− 5	ENE	2	bcw	2	61	38	0·01
Scilly	29·73	51	NW	6	c	29·82	+·33	52	52	+ 5	WNW	2	cf	6	52	47	0·03
Plymouth ...	29·64	50	NW	4	bc	29·84	+·37	48	47	− 2	NNE	1	c	*	52	41	0·16
Hurst Castle ...	29·74	51	S	4	bw	29·84	+·36	50	48	− 2	E	3	bw	3	54	43	0·07
Dover	29·78	50	E	2	b	29·86	+·19	52	50	0	NNE	2	cg	1	54	48	-
London	29·73	57	S	2	bc	29·87	+·24	50	49	− 2	S	1	o	*	60	46	0·14
Oxford	*	*	*	*	*	29·88	+·29	49	48	+ 1	NE	1	o	*	57	46	-
Cambridge ...	29·74	57	SSE	1	b	29·91	+·27	49	48	− 1	NE	1	n	*	60	42	-
Yarmouth ...	29·79	48	SSE	2	b	29·88	+·21	49	48	+ 2	ENE	2	bm	2	50	45	0·02
The Helder. ...	*	*	*	*	*	29·91	+·20	52	50	+ 1	ENE	2	bc	*	*	*	-
Cape Gris Nez	29·78	50	NE	3	c	29·89	+·20	48	48	0	Z	0	o	0	59	46	c -
Jersey	29·77	49	SW	2	c	29·82	+·18	48	47	− 3	W	2	c	2	55	45	0·21
Brest	29·76	50	W	3	o	29·87	+·24	55	48	+ 5	NW	5	o	4	?	?	0·04
L'Orient	29·82	52	W	4	bc	29·88	+·16	50	48	− 2	WNW	3	r	5	55	45	0·12
Rochefort ...	29·92	57	W	6	o	29·96	+·14	54	52	0	W	5	c	4	63	45	0·08
Biarritz	30·09	57	WSW	4	c	30·04	?	50	48	− 4	WSW	3	n	4	63	46	0·16
Corunna	*	*	*	*	*	30·05	−·06	58	*	+ 3	SW	3	c	5	*	*	*
Brussels	*	*	*	*	*	29·85	+·12	55	53	+ 3	SW	1	o	*	60	51	0·16
Charleville ...	*	*	*	*	*	29·81	+·11	51	*	+ 1	W	1	on	*	*	*	*
Paris	29·79	58	SSE	2	bc	29·88	+·12	51	46	+ 1	NW	2	bc	*	*	*	-
Lyons	*	*	*	*	*	29·95	+·11	55	*	0	N	2	n	*	*	*	*
Toulon	29·76	54	NW	6	bc	29·73	+·08	50	45	+ 4	NW	6	bc	6	59	?	-

YESTERDAY'S 2 P.M. REPORTS AND REMARKS.

	Bar.	Dry.	Wet.	Wind.		Wea.	Sea.
Skudesnaes ...	30·05	58	46	E	2	b	3
Thurso							
Scarborough ...							
Greencastle ...							*
Holyhead							

	Bar.	Dry.	Wet.	Wind.		Wea.	Sea.
Valencia							
Scilly							
London							*
Rochefort ...	29·90	57	54	W	6	bc	4

EXPLANATION OF COLUMNS.

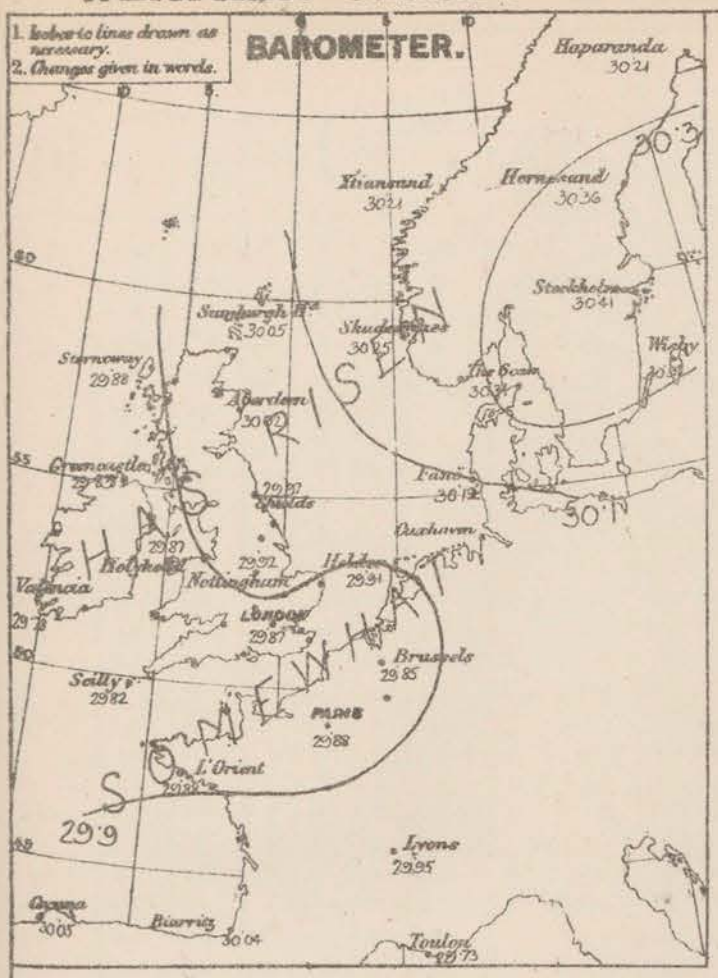
WEATHER.—*Beaufort Scale* is, b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.

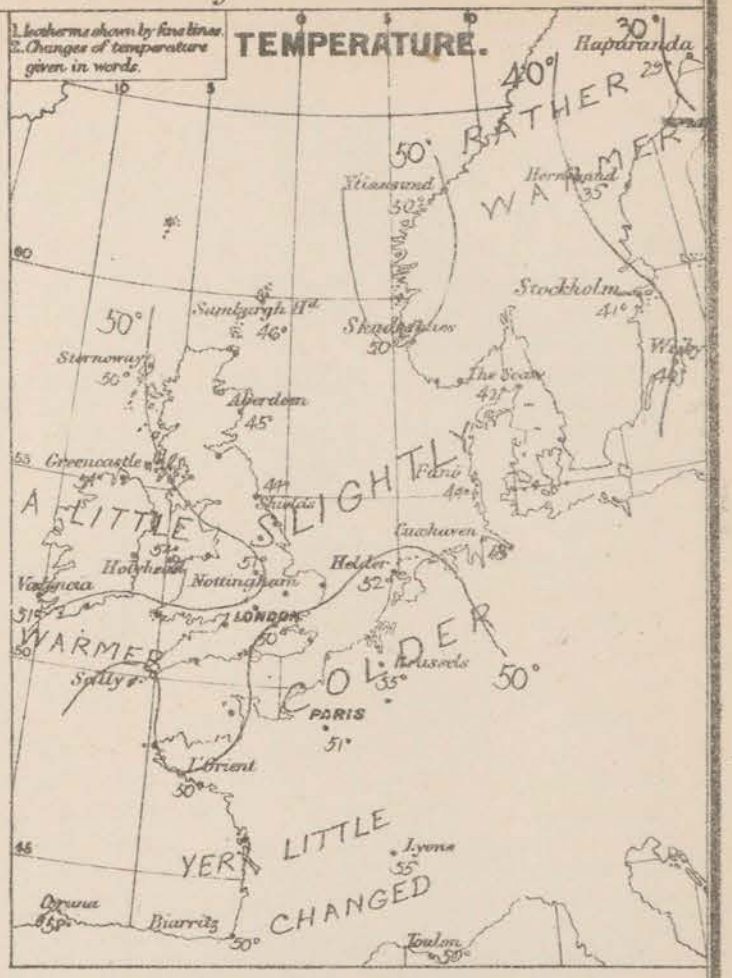
* AN ASTERISK is inserted in all places for which information is not usually received.

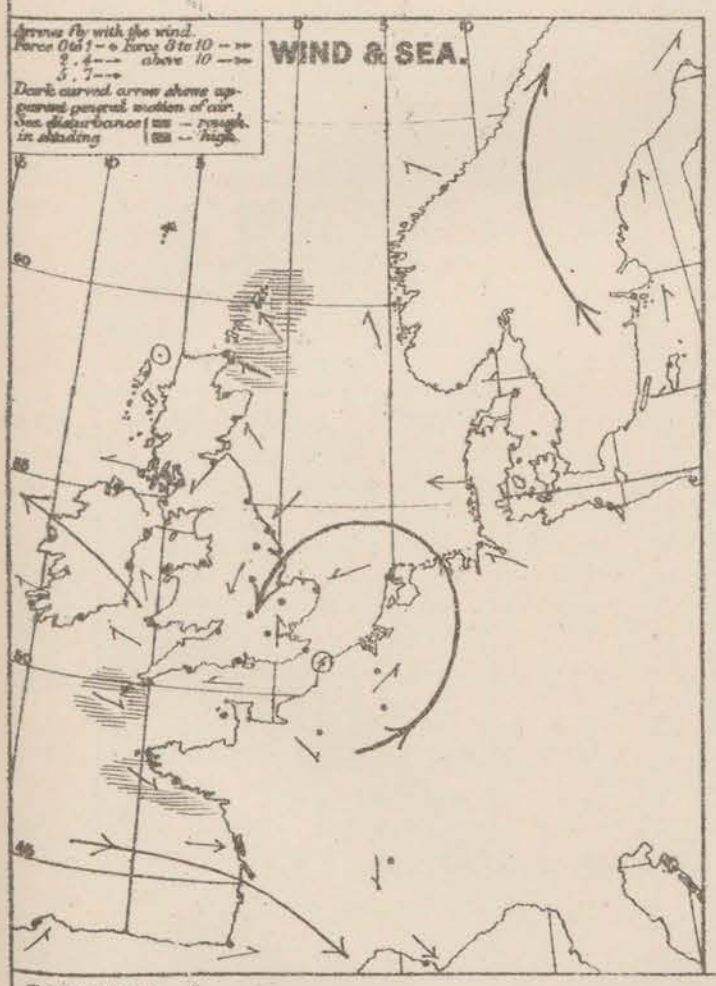
† The evening observations are taken at 6 p.m. in our Islands, at 8 p.m. (Christiania time) in Sweden, Norway, and Denmark, and at 7 p.m. (Paris time) in France.

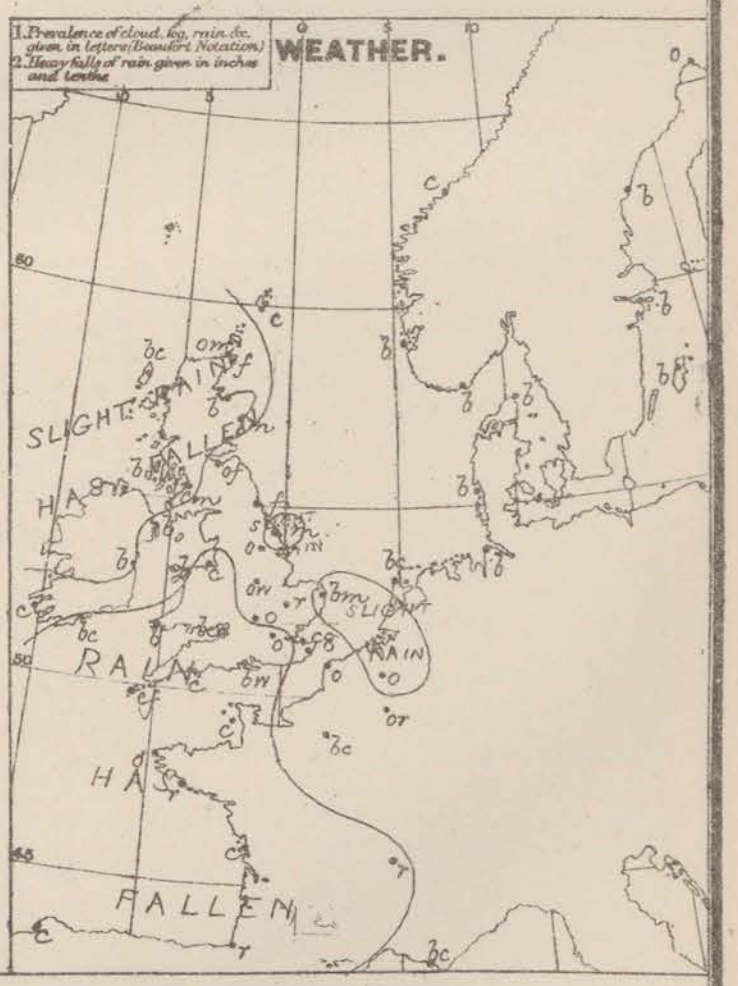
N.B.—The wind is said to "veer" when its direction changes *with the sun*, and to "back" when it shifts in the opposite direction.

WEATHER CHARTS for 8 a.m. on Monday 22nd April 1878.









REMARKS. Weather is clear over the countries to the E^ward of the North Sea as well as on our western and south western coasts, while it is overcast and foggy at most of the eastern and central stations. In London a threatening appearance is reported, while at Cambridge, L'Orient and Charleville rain is falling. Temperature has fallen a few degrees except on our west coasts, where the change, though slight, is upward; it varies from 44° in the north east of England to 54° in the north of Ireland and 55° at Brest. Wind is W^ly over France, E^ly to SE^ly on all other coasts; it blows fresh over the Bay of Biscay, the Shetland Isles and at Fanø, but is light or moderate generally. Sea is rough at Scilly and off the north east of Scotland, slight on our other coasts.

Barometrical Indications. Pressure is decreasing somewhat in the south west of Ireland, but still increases in all other places. The small depression which lay over the west of England yesterday is passing away over the Netherlands. The highest readings are reported from the Baltic.

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Meteorological Office,
116, Victoria Street, Westminster, S.W.

R. H. SCOTT.
Secretary.

DAILY WEATHER REPORT — April 23rd, 1878.

STATIONS.	† YESTERDAY EVENING. Barometer at 32° F. and Sea Level.	Temp. in shade.	Wind. Direc.	Wind. Force. (0 to 12).	Weather.	8 A.M. TO DAY. Barometer. Reading at 32° F. and Sea Level.	Barometer. Difference from 8 A.M. yesterday.	Shade Temp. Dry.	Shade Temp. Wet.	Shade Temp. Difference from 8 A.M. yesterday.	Wind. Direc.	Wind. Force. (0 to 12).	Weather.	Sea. (0 to 9.)	PAST 24 HOURS. Shade Temp. Max.	Shade Temp. Min.	Amount of Rainfall.
Haparanda ...	30·07	32	SW	2	0	29·92	-·28	40	37	+11	SW	2	0	*	41	28	-
Hernösand ...	30·18	38	Z	0	b	30·18	-·18	43	39	+8	Z	0	b	*	*	*	-
Stockholm ...	30·30	36	SW	4	b	30·24	-·17	44	39	+3	SW	2	b	*	*	*	-
Wisby	30·29	34	ESE	6	b	30·25	-·07	36	35	-4	SE	4	b	*	*	*	-
Christiansund ...	30·21	47	SE	1	c	30·17	-·04	46	42	-4	ESE	1	b	0	52	34	-
Skudesnaes ...	30·21	43	Z	0	b	30·16	-·09	50	42	0	ENE	4	b	2	50	43	-
Oxö (Xtiansand)	30·25	45	ENE	4	b	30·21	-·08	43	41	-1	ENE	4	b	2	46	39	-
Skagen (The Skaw)	30·24	44	NNE	2	b	30·23	-·08	48	39	+1	SSE	3	b	3	57	37	-
Fanö	30·10	41	ESE	6	b	30·04	-·08	48	45	+4	E	6	b	*	55	37	-
Cuxhaven ...	30·10	56	E	5	b	29·98	-·06	50	47	+2	ESE	5	b	*	?	45	-
Sumburgh Head	30·08	45	SE	5	c	30·08	+·03	45	43	-1	SE	4	b	4	49	42	-
Stornoway	29·91	54	S	1	bc	29·92	+·04	49	46	-1	SSE	2	b	1	56	42	-
Thurso	29·97	46	SSE	5	o	30·00	+·04	46	44	-1	SSE	2	bc	3	53	41	-
Wick	30·00	45	ESE	5	q	30·01	+·03	46	45	+1	ESE	3	b	4	47	43	-
Nairn	29·95	55	SE	1	b	29·98	+·04	48	43	0	SE	1	b	1	61	40	-
Aberdeen ...	30·02	45	SE	2	m	29·99	-·03	45	44	0	E	1	o	2	46	41	0·01
Leith	29·90	47	ENE	2	o	29·90	-·05	45	44	+1	ENE	3	o	*	50	42	0·01
Shields	29·92	45	ESE	2	o	29·84	-·13	45	44	+1	ENE	1	n	4	46	43	0·14
Scarborough .	29·90	44	E	2	m	29·79	-·17	45	45	0	ENE	3	o	4	50	44	0·22
York	29·88	47	E	1	o	29·75	-·19	49	47	+1	ENE	1	o	*	53	45	-
Nottingham ...	29·80	52	ENE	3	o	29·72	-·20	49	49	-2	NE	3	o	*	60	46	0·03
Ardrossan ...	29·84	52	NE	4	mo	29·82	-·09	48	46	0	NE	5	cm	3	60	46	-
Greencastle ...	29·79	58	ESE	3	b	29·79	-·04	52	49	-2	E	2	c	*	61	46	-
Donaghadee ...	29·80	52	SE	3	c	29·78	-·10	47	46	-3	NE	3	c	2	56	46	-
Kingstown ...	29·76	52	E	2	bc	29·70	-·17	49	47	0	ENE	4	om	5	53	47	-
Holyhead ...	29·75	55	E	3	o	29·68	-·19	48	47	-6	ENE	4	m	3	58	47	-
Liverpool (Bidston)	29·78	53	E	4	o	29·69	-·20	50	48	0	ENE	4	o	1	61	47	0·02
Valencia	29·58	53	ESE	4	o	29·63	-·15	52	?	+1	NE	5	b	5	56	45	?
Roche's Point...	29·67	51	SE	5	o	29·62	-·18	52	49	+4	E	4	bc	4	57	45	-
Pembroke ...	29·74	54	ESE	2	b	29·57	-·27	51	47	+3	E	4	bc	3	56	44	-
Portishead ...	29·71	58	SE	4	b	29·61	-·25	49	47	+4	NE	5	c	4	64	42	-
Scilly	29·66	50	ESE	5	o	29·48	-·34	49	48	-3	E	6	opq	4	57	48	0·01
Plymouth ...	29·71	51	SE	3	o	29·50	-·34	48	47	0	ENE	3	on	*	56	46	0·15
Hurst Castle ...	29·76	55	SE	3	b	29·57	-·27	50	49	0	E	5	og	5	58	46	-
Dover	29·80	51	N	2	c	29·65	-·21	50	48	-2	E	3	c	1	54	48	0·01
London	29·77	56	ESE	1	bc	29·66	-·21	50	48	0	ENE	2	c	*	60	46	-
Oxford	*	*	*	*	*	29·64	-·24	51	49	+2	ENE	1	bc	*	58	45	-
Cambridge ...	29·79	57	E	1	o	29·68	-·23	49	49	0	E	1	o	*	59	46	0·03
Yarmouth ...	29·85	49	E	2	b	29·73	-·15	47	47	-2	ESE	2	g	3	50	43	0·02
The Helder ...	*	*	*	*	*	29·78	-·13	53	50	+1	E	2	c	*	*	*	0·08
Cape Gris Nez	29·80	54	ENE	2	c	29·65	-·21	52	50	+4	E	1	bc	0	54	48	-
Jersey	29·73	50	SSE	1	b	29·47	-·35	48	48	0	E	5	rm	4	54	46	0·22
Brest	29·69	57	S	3	o	29·39	-·48	46	45	-9	ESE	4	o	4	57	?	0·28
L'Orient	29·73	52	SSW	3	c	29·36	-·52	50	48	0	W	2	c	3	57	45	0·39
Rochefort ...	29·82	57	SW	3	o	29·49	-·47	54	52	0	W	5	n	3	59	45	0·16
Biarritz	29·80	59	ENE	1	n	29·64	-·40	52	50	+2	SSW	4	n	4	59	48	0·35
Corugna	*	*	*	*	*				*						*	*	*
Brussels	*	*	*	*	*	29·67	-·18	55	53	0	SSW	1	o	*	63	50	0·79
Charleville ...	*	*	*	*	*	29·68	-·13	54	*	+3	SSW	1	on	*	*	*	*
Paris	29·78	58	SW	2	c	29·61	-·27	52	48	+1	ESE	2	c	*	*	*	-
Lyons	*	*	*	*	*	29·71	-·24	48	*	-7	SE	2	m	*	*	*	*
Toulon	29·76	63	NW	4	b	29·77	+·04	54	48	+4	NW	1	o	3	63	48	-

YESTERDAY'S 2 P.M. REPORTS AND REMARKS.

	Bar.	Dry.	Wet.	Wind.		Wea.	Sea.
Skudesnaes ...	30·20	49	44	SSE	2	b	2
Thurso	29·97	50	48	SSE	5	bc	3
Scarborough ...	29·93	45	45	E	2	o	2
Greencastle ...	29·80	58	52	SE	3	o	*
Holyhead	29·82	55	52	WNW	2	c	1
Valencia	29·65	55	49	SE	5	o	5
Scilly	29·76	54	53	ESE	5	c	5
London	29·83	58	52	ESE	2	bc	*
Rochefort ...	29·91	57	56	NW	4	bc	3

The decrease of pressure noticed in the SW. this morning has since extended to all our stations. A fresh SE½ wind is reported in the SW.

EXPLANATION OF COLUMNS.

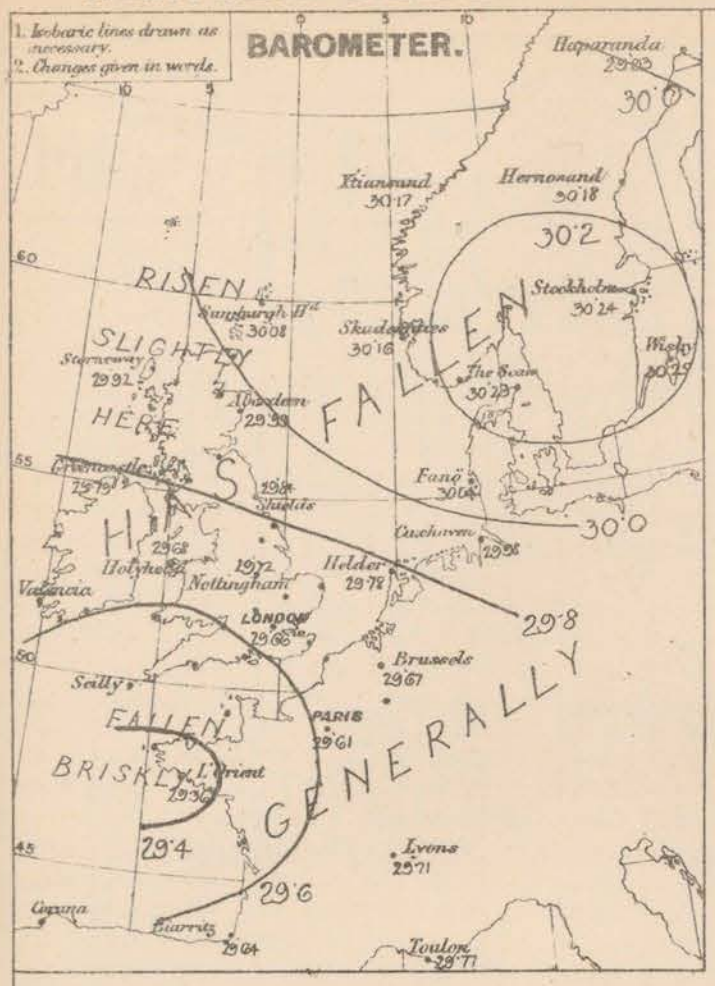
WEATHER.—*Beaufort Scale* is, b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning m. misty (hazy); o. overcast; p. passing showers; q. equally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency w. dew.

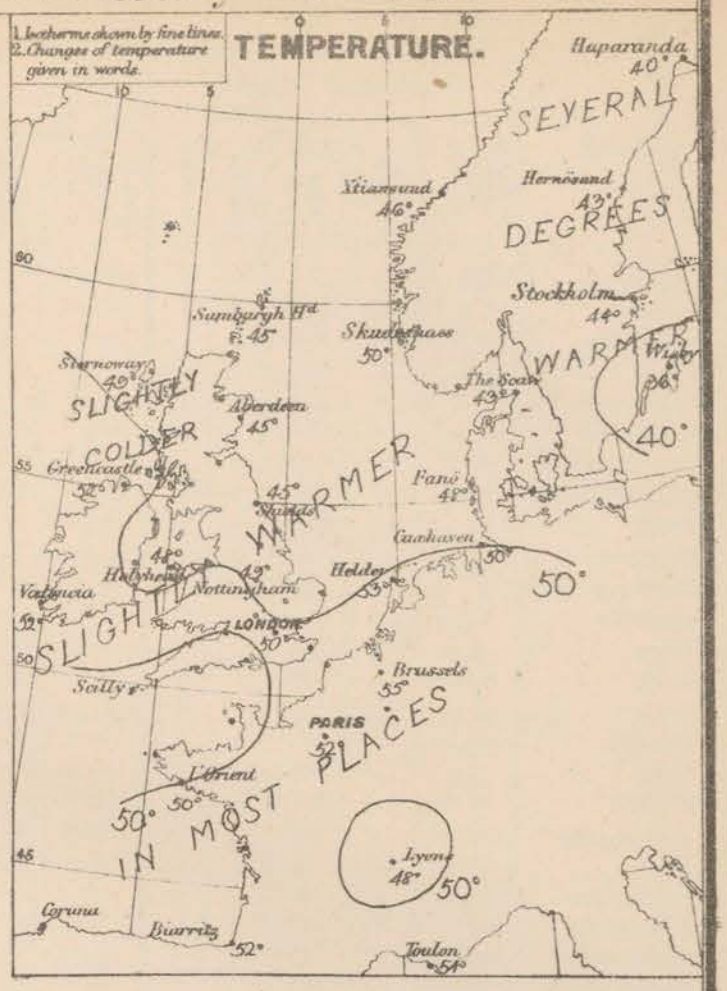
* AN ASTERISK is inserted in all places for which information is not usually received.

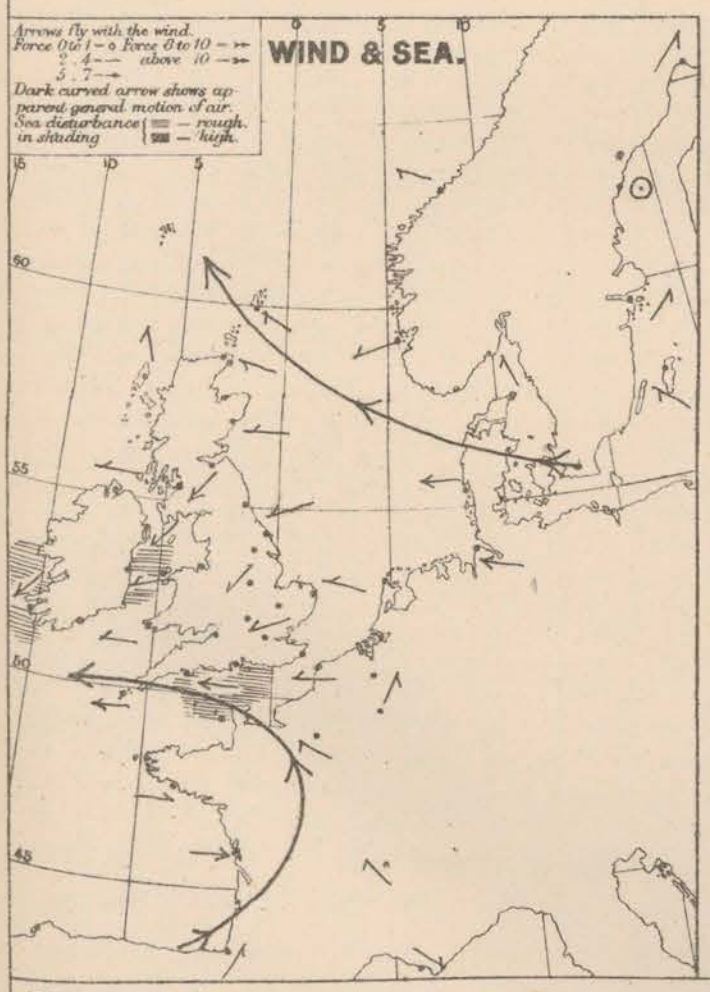
† The evening observations are taken at 6 p.m. in our Islands, at 8 p.m. (Christiania time) in Sweden, Norway, and Denmark, and at 7 p.m. (Paris time) in France.

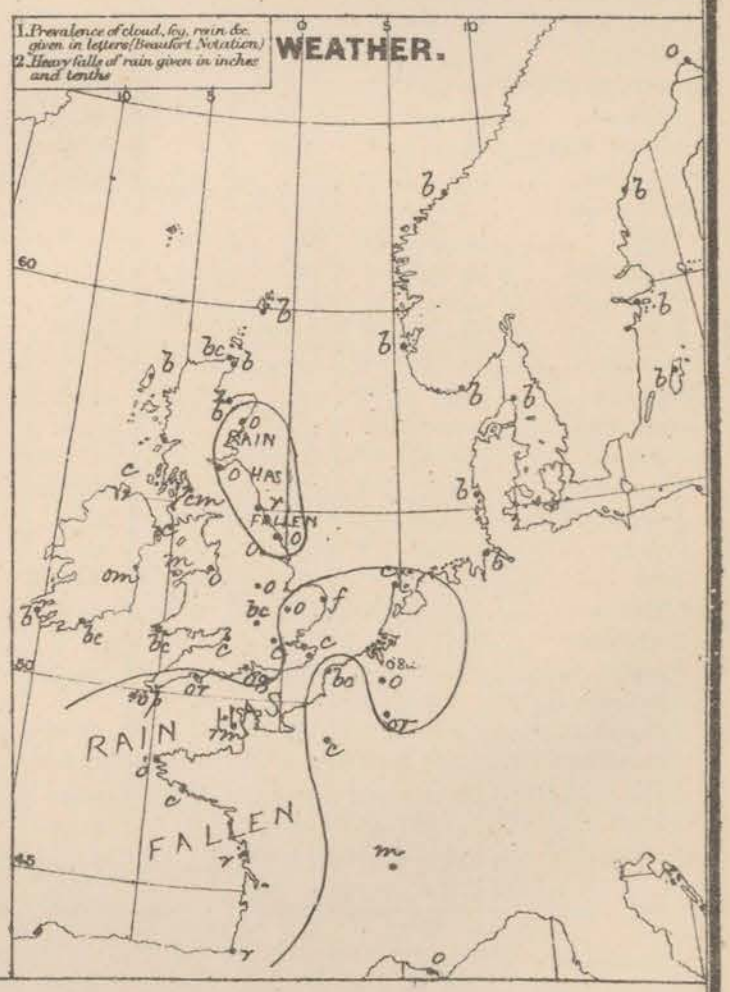
N.B.—The wind is said to "veer" when its direction changes *with the sun*, and to "back" when it shifts in the opposite direction.

WEATHER CHARTS for 8 a.m. on Tuesday 23rd APRIL 1878.









REMARKS. Weather is fine over Scandinavia, Denmark, Scotland and the south of Ireland, but is overcast or very cloudy in all other places, with rain in the south west of France, at Jersey, Plymouth and Shields. Rain has fallen over France as well as on our south west and north east coasts during the past twenty four hours. Temperature has changed rather irregularly but over these Islands it has fallen a few degrees in most places; it varies from 52° at Valentia to 45° on our north east coast. The thermometer rose to about 60° over England and the south of Scotland yesterday. Wind is W^ly or S.W^ly over the south west of France but is E^ly in all other parts of Western Europe; it is moderate or light in force generally but blows freshly in the south west. Sea is rather rough at Hurst Castle, Kingstown and Valentia, moderate to slight on our other coasts.

Barometrical Indications. Pressure is increasing slightly in Scotland and at Valentia, but is decreasing elsewhere. The change amounts to about half an inch in Brittany, and a well-defined depression is shown off that coast.

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Meteorological Office.
116, Victoria Street, Westminster.

R. H. SCOTT.
Secretary.

DAILY WEATHER REPORT APRIL 24TH 1878.

STATIONS.	† YESTERDAY EVENING. Barometer at 32° F. and Sea Level.	Temp. in shade.	Wind. Direc.	Wind. Force. (0 to 12).	Weather.	8 A.M. TO DAY. Barometer. Reading at 32° F. and Sea Level.	Barometer. Difference from 8 a.m. yesterday.	Shade Temp. Dry.	Shade Temp. Wet.	Shade Temp. Difference from 8 a.m. yesterday.	Wind. Direc.	Wind. Force. (0 to 12).	Weather.	Sea. (0 to 9.)	PAST 24 HOURS. Shade Temp. Max.	Shade Temp. Min.	Amount of Rainfall.
Haparanda ...	29.88	41	Z	0	0	29.94	+ .01	32	32	− 8	E	2	s	*	52	32	–
Hernösand ...	30.10	42	SSW	2	b	30.02	− .16	44	39	+ 1	SSW	2	b	*	*	*	–
Stockholm ...	30.11	42	SSW	2	b	30.05	− .19	48	42	+ 4	Z	0	b	*	*	*	–
Wisby	30.16	38	SSW	6	b	30.09	− .16	43	37	+ 7	S	2	b	*	*	*	–
Christiansund ...	30.13	43	W	1	b	30.06	− .11	45	40	− 1	SW	3	b	2	48	34	–
Skudesnaes ...	30.10	45	WNW	1	b	30.07	− .09	51	45	+ 1	NNE	2	b	2	55	45	–
Oxö (Ytiansand)	30.13	45	ENE	4	b	30.07	− .14	43	39	0	NNW	2	b	2	46	37	–
Skagen (The Skaw)	30.12	44	ENE	2	b	30.07	− .16	45	42	+ 2	ESE	3	b	2	61	37	–
Fanö	29.96	46	ESE	6	b	29.91	− .13	47	44	− 1	E	6	b	*	59	39	–
Cuxhaven ...	29.95	57	E	4	b	29.83	− .15	49	46	− 1	ESE	5	b	*	57	45	–
Sunburgh Head	30.07	44	SE	2	0	30.10	+ .02	42	40	− 3	NE	3	0	3	50	40	–
Stornoway	29.93	52	NE	4	b	30.01	+ .09	45	44	− 4	NNE	5	ow	3	54	41	–
Thurso	30.02	46	SE	2	0	30.07	+ .07	44	42	− 2	ENE	2	ow	3	54	41	–
Wick	30.04	44	ESE	3	f	30.05	+ .04	43	42	− 3	E	2	0	2	52	40	–
Nairn	29.99	46	E	3	b	30.05	+ .07	44	42	− 4	E	2	0	1	51	40	–
Aberdeen ...	30.00	47	E	1	0	30.01	+ .02	46	44	+ 1	NNE	3	b	2	48	43	0.01
Leith	29.92	45	ENE	3	0	29.94	+ .04	45	44	0	ENE	3	0	*	46	43	–
Shields	29.86	46	ENE	2	0	29.88	+ .04	46	45	+ 1	NNE	2	c	3	47	42	0.11
Scarborough .	29.80	45	NE	2	bc	29.80	+ .01	49	47	+ 4	ENE	3	b	4	49	45	–
York	29.76	48	N	2	bc	29.77	+ .02	49	47	0	N	3	bc	*	56	42	–
Nottingham ...	29.76	48	NE	5	c	29.71	− .01	50	48	+ 1	NNE	5	0	*	59	43	0.02
Ardrossan ...	29.66	53	ENE	5	0	29.88	+ .06	47	44	− 1	NE	5	bm	3	55	43	–
Greencastle ...	29.85	48	NE	2	cm	29.89	+ .10	50	47	− 2	E	2	b	*	56	43	–
Donaghadee ...	29.81	50	ESE	5	b	29.85	+ .07	46	44	− 1	NNE	6	b	5	53	44	–
Kingstown ...	29.71	50	NE	4	r	29.79	+ .09	47	45	− 2	NNE	4	0	5	52	46	0.08
Holyhead ...	29.67	51	ENE	4	m	29.72	+ .04	48	46	0	NNE	5	c	4	55	46	–
Liverpool (Bidston)	29.67	53	ENE	4	0	29.69	.00	53	49	+ 3	ENE	2	bc	1	57	45	–
Valencia	29.69	53	NNE	3	cm	29.76	+ .13	50	47	− 2	NNE	5	bcm	5	57	48	0.01
Roche's Point...	29.65	53	NNE	4	c	29.68	+ .06	49	45	− 3	NNE	5	c	4	59	47	–
Pembroke ...	29.54	56	NE	3	bc	29.60	+ .03	49	47	− 2	NE	4	0	4	57	47	0.09
Portishead ..	29.53	56	NE	5	b	29.57	− .04	48	48	− 1	NNE	6	r	5	60	45	0.06
Scilly	29.45	50	ENE	6	r	29.53	+ .05	50	50	+ 1	NE	5	rf	5	50	48	0.52
Plymouth ...	29.46	50	E	4	0	29.52	+ .02	51	50	+ 3	ENE	2	0	*	53	47	0.32
Hurst Castle ...	29.50	55	ENE	4	cg	29.52	− .05	52	52	+ 2	ENE	3	0	4	56	48	0.07
Dover	29.53	54	NE	4	c	29.56	− .09	52	51	+ 2	ENE	3	or	1	57	49	0.24
London	29.55	56	E	2	c	29.57	− .09	52	51	+ 2	E	3	r	*	60	49	0.07
Oxford	*	*	*	*	*	29.59	− .05	50	50	− 1	NE	1	r	*	56	47	0.08
Cambridge ...	29.61	57	E	1	r	29.61	− .07	51	50	+ 2	NE	1	0	*	59	46	0.27
Yarmouth ...	29.64	50	SE	1	b	29.64	− .09	49	47	+ 2	E	3	bc	3	57	45	0.01
The Helder... ...	*	*	*	*	*	29.67	− .11	51	48	− 2	E	2	b	*	*	*	–
Cape Gris Nez	29.52	52	NE	3	0	29.57	− .11	54	52	+ 2	E	1	r	0	59	48	0.16
Jersey	29.44	53	ESE	2	0	29.51	+ .04	56	53	+ 8	Z	0	bm	0	56	46	0.024
Brest	29.41	?	SW	2	0	29.51	+ .12	46	46	0	E	2	b	5	55	?	–
L'Orient	29.43	54	SW	2	bc	29.49	+ .13	48	48	− 2	E	3	m	5	57	43	–
Rochefort ...	29.52	57	SW	4	c	29.51	+ .02	54	52	0	SE	4	0	3	59	46	0.08
Biarritz	29.50	61	NNE	2	r	29.52	− .12	55	52	+ 3	SW	3	b	4	64	48	0.16
Corunna	*	*	*	*	*				*						*	*	*
Brussels	*	*	*	*	*	29.55	− .12	54	51	− 1	S	1	0	*	66	51	0.20
Charleville ...	*	*	*	*	*	? 29.54	− .14	50	*	− 4	ENE	1	or	*	*	*	*
Paris	29.50	55	SSE	3	0	29.60	− .11	52	49	0	SE	2	0	*	*	*	–
Lyons	*	*	*	*	*	29.57	− .14	55	*	+ 7	N	2	0	*	*	*	*
Toulon	29.67	52	E	5	0	29.56	− .21	48	46	− 6	E	5	r	5	59	54	0.87

YESTERDAY'S 2 P.M. REPORTS AND REMARKS.

	Bar.	Dry.	Wet.	Wind.		Wea.	Sea.		Bar.	Dry.	Wet.	Wind.		Wea.	Sea.
Skudesnaes ...	30.11	55	45	SSE	2	b	5	Valencia	29.67	53	50	NE	4	rm	4
Thurso	30.02	51	47	SE	2	bc	3	Scilly	29.47	49	49	NE	6	r	5
Scarborough ...	29.81	46	44	ENE	2	0	4	London	29.60	57	52	ESE	3	c	*
Greencastle ...	29.81	52	50	ENE	2	0	*	Rochefort ...	29.52	57	54	NSW	6	c	4
Holyhead	29.68	52	51	ENE	4	m	3								

Pressure is increasing slightly in the W. N. and E. decreasing in the S. and SE. Wind is moderate from SE. to NE. Weather is wet and squally in the SW.

EXPLANATION OF COLUMNS

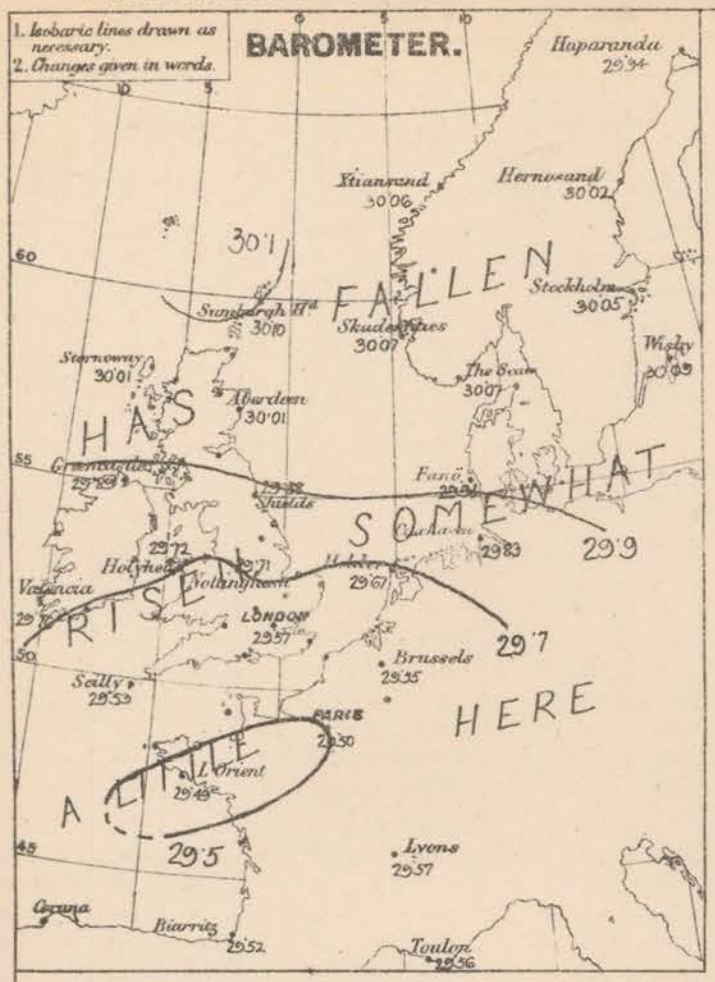
WEATHER.—*Beaufort Scale* is, b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.

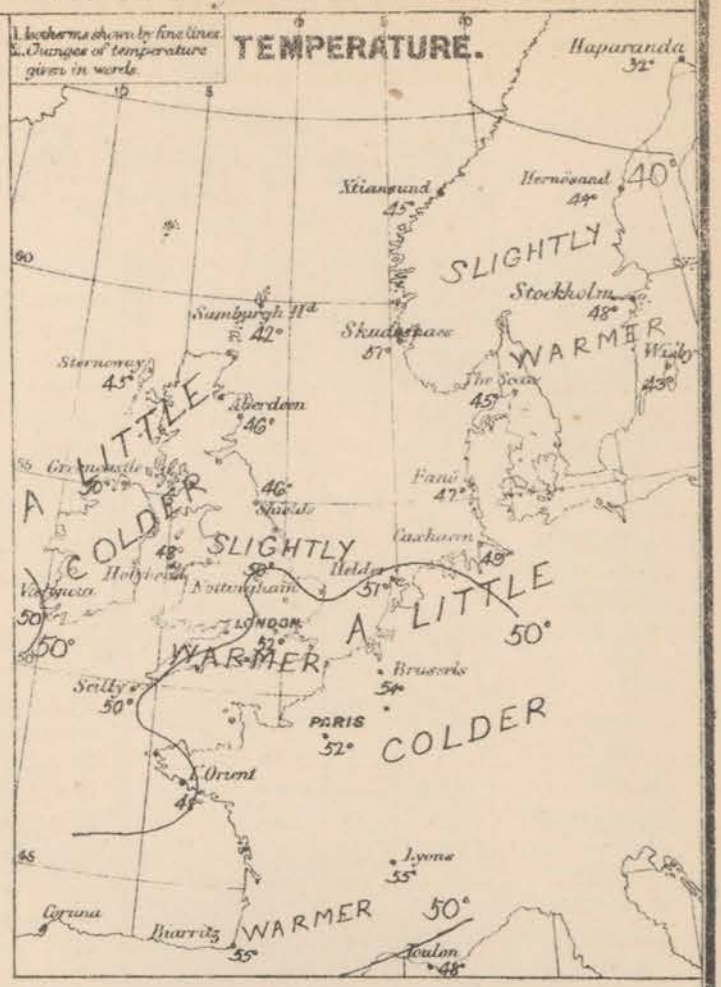
* AN ASTERISK is inserted in all places for which information is not usually received.

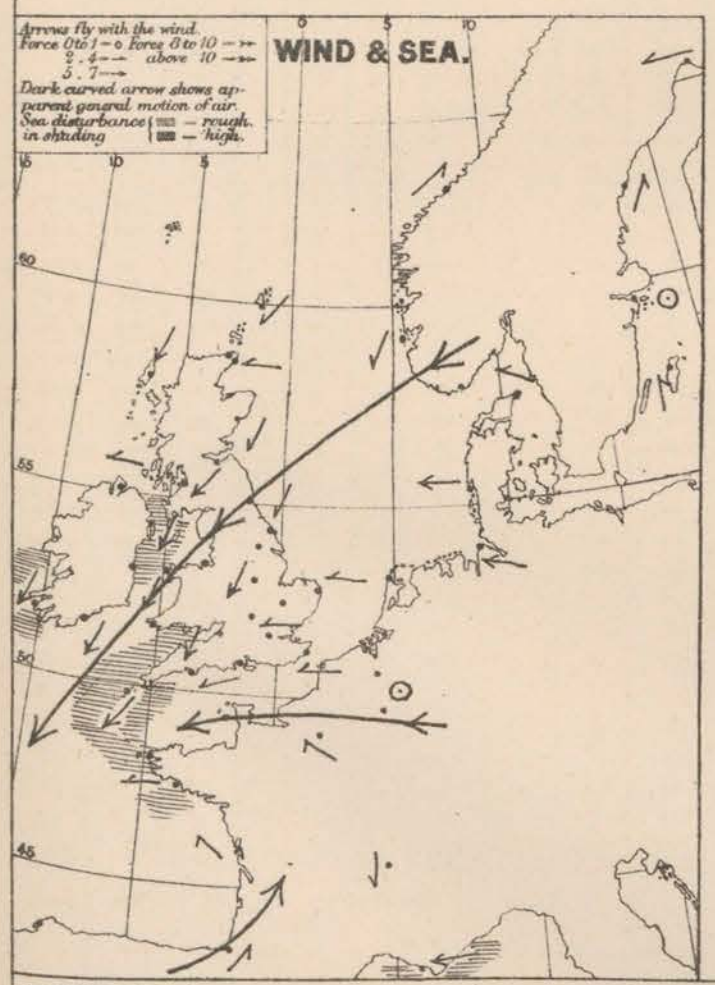
† The evening observations are taken at 6 p.m. in our Islands, at 8 p.m. (Christiania time) in Sweden, Norway, and Denmark, and at 7 p.m. (Paris time) in France.

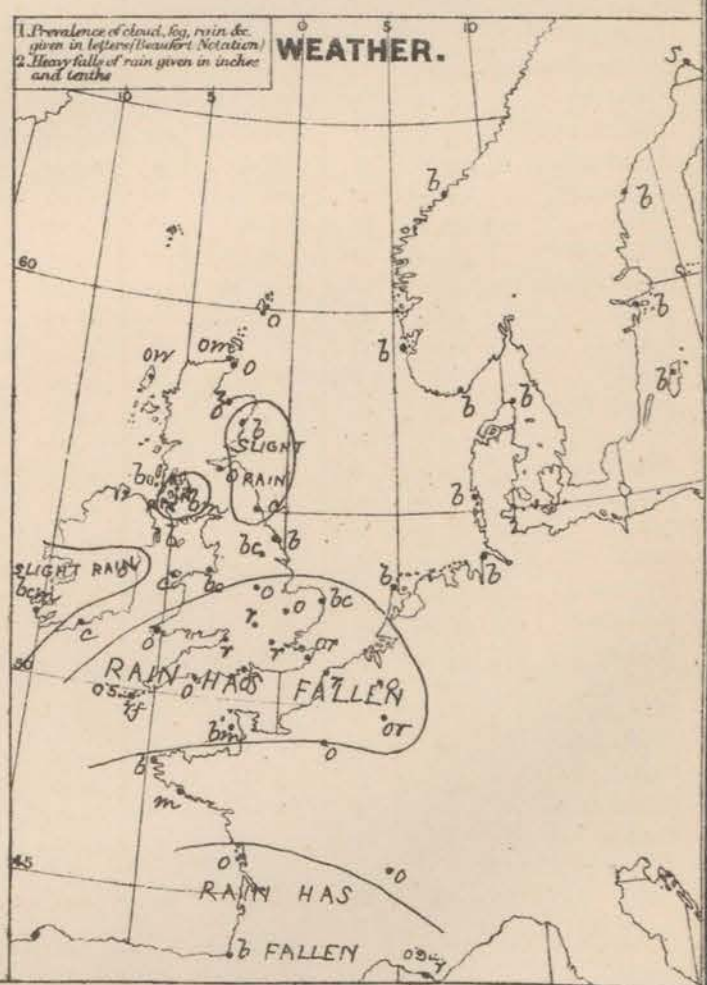
N.B.—The wind is said to "veer" when its direction changes *with the sun*, and to "back" when it shifts in the opposite direction.

WEATHER CHARTS for 8 a.m. on Wednesday 24th APRIL 1878.









REMARKS. Weather remains very fine over the countries to the eastward of the North Sea and clear skies are also reported from some of the Irish and Scotch stations as well as at Biarritz, but in all other places the weather is overcast or very cloudy with rain over the south east of England, the north of France and at Scilly. Rain has fallen at all the southern and south eastern stations during the past 24 hours. Temperature has changed very little, and varies from 52° in the south east to 42° in the Shetlands. Wind is E^ly over the North Sea and France, NE^ly on our coasts; it blows strongly over Denmark and at our western stations. Sea is rough in the south west, moderate to slight elsewhere.

Barometrical Indications. Pressure is increasing over the British Isles and France, but is decreasing over North Germany, Denmark, Sweden and Norway and the high pressure which existed over Scandinavia yesterday is giving way. The depression reported from Brittany yesterday still occupies the same position but is apparently filling up. The highest readings are reported from the Shetlands.

Subscription for these Charts payable in advance to cover delivery. Delivery by hand 10/ per quarter, book post 5/ per quarter.

Meteorological Office,
116, Victoria Street, Westminster, S.W.

R.H. SCOTT.
Secretary.

Dangerfield Lith. 22 Bedford St. Covent Garden

DAILY WEATHER REPORT APRIL 25TH 1878.

STATIONS.	† YESTERDAY EVENING. Barometer at 32° F. and Sea Level.	Temp. in shade.	Wind. Direc.	Wind. Force. (0 to 12).	Weather.	8 A.M. TO DAY. Barometer. Reading at 32° F. and Sea Level.	Barometer. Difference from 8 a.m. yesterday.	Shade Temp. Dry.	Shade Temp. Wet.	Shade Temp. Difference from 8 a.m. yesterday.	Wind. Direc.	Wind. Force. (0 to 12).	Weather.	Sea. (0 to 9.)	PAST 24 HOURS. Shade Temp. Max.	Shade Temp. Min.	Amount of Rainfall.
Haparanda ...	29.95	29	E	2	o	29.96	+ .02	30	28	− 2	E	2	s	*	34	27	0.04
Hernösand ...	30.00	47	NW	2	c	29.98	− .04	46	43	+ 2	NNW	4	b	*	*	*	–
Stockholm ...	29.93	44	SSW	2	b	29.92	− .13	48	43	o	ENE	4	b	*	*	*	–
Wisby	30.07	41	SW	2	b	29.94	− .15	48	42	+ 5	SSE	4	b	*	*	*	–
Christiansund ...	30.10	42	WSW	2	o	30.09	+ .03	43	41	− 2	N	2	r	4	46	37	0.12
Skudesnaes ...	29.97	48	NNW	6	b	29.95	− .12	52	46	+ 1	NNW	2	b	2	54	48	–
Oxö (Ytiansand)	29.98	46	E	2	b	29.92	− .15	50	41	+ 7	NNE	4	b	2	50	37	–
Skagen (The Skaw)	29.95	46	Z	0	b	29.89	− .18	47	44	+ 2	Z	0	b	0	59	39	–
Fanö	29.80	44	ENE	4	b	29.80	− .11	50	45	+ 3	NE	4	b	*	57	37	–
Cuxhaven ...	29.83	?	ENE	4	b	29.70	− .13	48	48	− 1	NE	4	r	*	55	45	–
Sumburgh Head	30.13	46	NE	3	b	30.17	+ .07	44	40	+ 2	NE	5	o	4	46	40	–
Stornoway	30.05	46	ENE	6	b	30.16	+ .15	46	43	+ 1	E	4	c	4	48	38	–
Thurso	30.12	47	ENE	3	bc	30.18	+ .11	44	43	o	NNE	3	o	3	53	42	–
Wick	30.13	48	SE	3	b	30.18	+ .13	45	43	+ 2	NNE	3	o	2	52	41	–
Nairn	30.07	47	E	2	b	30.17	+ .12	45	42	+ 1	E	3	c	2	52	42	–
Aberdeen ...	30.03	48	NNE	3	b	30.12	+ .11	45	42	− 1	N	3	o	3	49	41	–
Leith	29.97	44	E	3	c	30.10	+ .16	44	42	− 1	ENE	3	c	*	48	41	–
Shields	29.90	47	NE	4	b	30.02	+ .14	46	44	o	NE	4	c	3	49	42	–
Scarborough .	29.85	45	NE	3	bc	29.95	+ .15	49	47	o	NNE	4	c	4	50	44	–
York	29.83	49	NE	2	b	29.94	+ .17	48	45	− 1	N	3	b	*	57	39	–
Nottingham ...	29.76	51	NE	4	b	29.88	+ .17	49	44	− 1	N	6	b	*	59	40	–
Ardrossan ...	29.91	53	NE	5	b	30.08	+ .20	44	41	− 3	ENE	4	ow	2	58	40	–
Greencastle ...	29.92	55	NE	3	b	30.05	+ .14	49	45	− 1	ENE	2	b	*	59	41	–
Donaghadee ...	29.89	52	NNE	5	b	30.04	+ .19	47	44	+ 1	NNE	5	b	4	56	43	–
Kingstown ...	29.82	52	NNE	4	b	29.99	+ .20	47	45	o	NE	4	b	5	53	45	–
Holyhead ...	29.77	51	NNE	5	b	29.95	+ .23	48	45	o	NE	4	b	3	55	44	–
Liverpool (Egerton)	29.77	54	NNE	4	b	29.93	+ .24	50	46	− 2	NNE	2	b	1	61	42	–
Valencia	29.79	59	N	3	cm	29.95	+ .19	51	47	+ 1	NE	3	bm	3	61	?	–
Roche's Point...	29.78	56	NNE	4	c	29.92	+ .24	47	44	− 2	NE	3	b	3	61	42	–
Pembroke ...	29.68	57	NNE	1	bc	29.85	+ .25	47	43	− 2	NE	3	b	2	58	42	–
Portishead ...	29.62	56	NE	3	o	29.81	+ .24	46	44	− 2	NNE	6	b	5	57	41	0.02
Scilly	29.64	52	NNE	5	of	29.79	+ .26	51	49	+ 1	NE	5	bc	4	53	47	0.05
Plymouth ...	29.62	54	ENE	2	o	29.75	+ .23	52	49	+ 1	NE	3	b	*	57	46	0.09
Hurst Castle ...	29.61	53	SE	1	ofm	29.71	+ .19	49	48	− 3	NE	5	bc	4	56	46	0.02
Dover	29.69	52	NE	4	c	29.66	+ .10	52	49	o	ENE	5	b	3	56	48	0.06
London	29.62	57	E	2	bc	29.74	+ .07	48	46	− 4	NNE	2	c	*	60	44	0.02
Oxford	*	*	*	*	*	29.52	+ .23	45	44	− 5	NE	2	o	*	58	44	0.03
Cambridge ...	29.65	55	NE	2	b	29.80	+ .19	50	48	− 1	N	2	c	*	63	41	0.02
Yarmouth ...	29.66	49	NE	4	b	29.76	+ .12	48	46	− 1	NE	5	b	4	50	45	–
The Helder. ...	*	*	*	*	*	29.68	+ .01	51	49	o	NE	3	b	*	*	*	–
Cape Gris Nez	29.58	48	NE	2	o	29.63	+ .06	48	48	− 6	NE	5	bc	4	54	48	0.12
Jersey	29.59	53	NNE	1	bc	29.72	+ .21	48	47	− 8	NNE	3	om	3	58	47	–
Brest	29.62	41	N	3	o	29.74	+ .23	50	48	+ 4	N	2	o	3	59	?	0.24
L'Orient	29.59	55	N	1	o	29.72	+ .23	52	50	+ 4	N	3	bc	3	61	46	0.04
Rochefort ...	29.53	61	SW	2	bc	29.65	+ .14	52	52	− 2	E	2	bc	3	63	46	0.82
Biarritz	29.62	59	WSW	4	bc	29.71	+ .19	52	50	− 3	WSW	6	r	5	59	48	0.24
Corunna	*	*	*	*	*				*						*	*	*
Brussels	*	*	*	*	*	29.58	+ .03	52	49	− 2	ESE	3	o	*	61	50	0.04
Charleville ...	*	*	*	*	*	?29.53	− .01	50	*	o	ENE	1	of	*	*	*	*
Paris	29.53	58	ESE	2	o	29.59	+ .04	52	50	o	NW	1	o	*	*	*	–
Lyons	*	*	*	*	*	29.60	+ .03	55	*	o	S	2	r	*	*	*	*
Toulon	29.61	52	SW	2	b	29.67	+ .11	52	50	+ 4	SW	1	m	5	61	?	0.04

YESTERDAY'S 2 P.M. REPORTS AND REMARKS.

	Bar.	Dry.	Wet.	Wind.		Wea.	Sea.		Bar.	Dry.	Wet.	Wind.		Wea.	Sea.
Skudesnaes ...	29.99	54	46	NNW	6	b	2	Valencia	29.79	55	50	N	3	cm	4
Thurso	30.09	49	47	ENE	3	b	3	Scilly	29.61	52	51	ENE	5	om	4
Scarborough ...	29.83	47	46	NNE	3	o	4	London	29.60	58	54	ENE	2	o	*
Greencastle ...	29.90	56	51	NE	2	b	*	Rochefort ...	29.52	59	57	SW	4	bc	3
Holyhead	29.76	52	49	NNE	5	b	4								

No important change since the morning.

EXPLANATION OF COLUMNS.

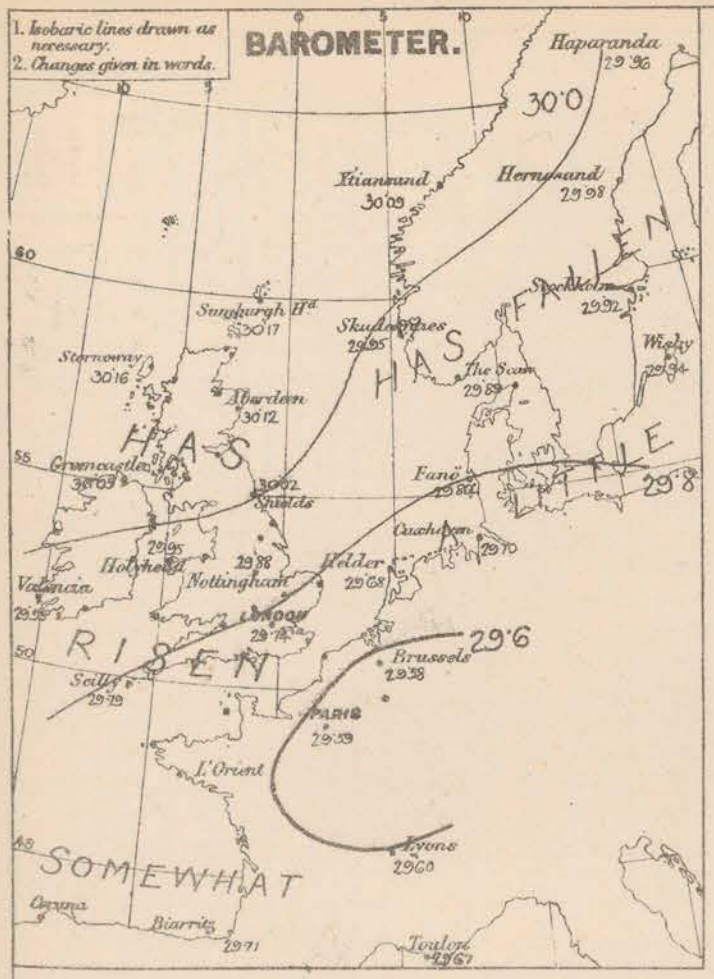
WEATHER.—*Beaufort Scale* is, b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency w. dew.

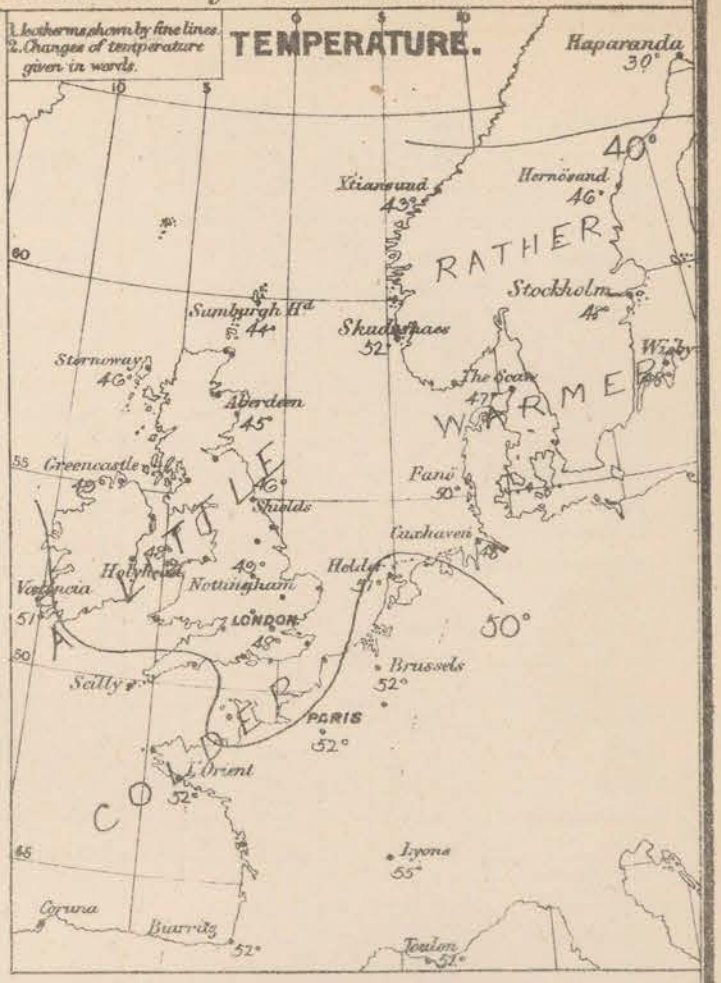
* AN ASTERISK is inserted in all places for which information is not usually received.

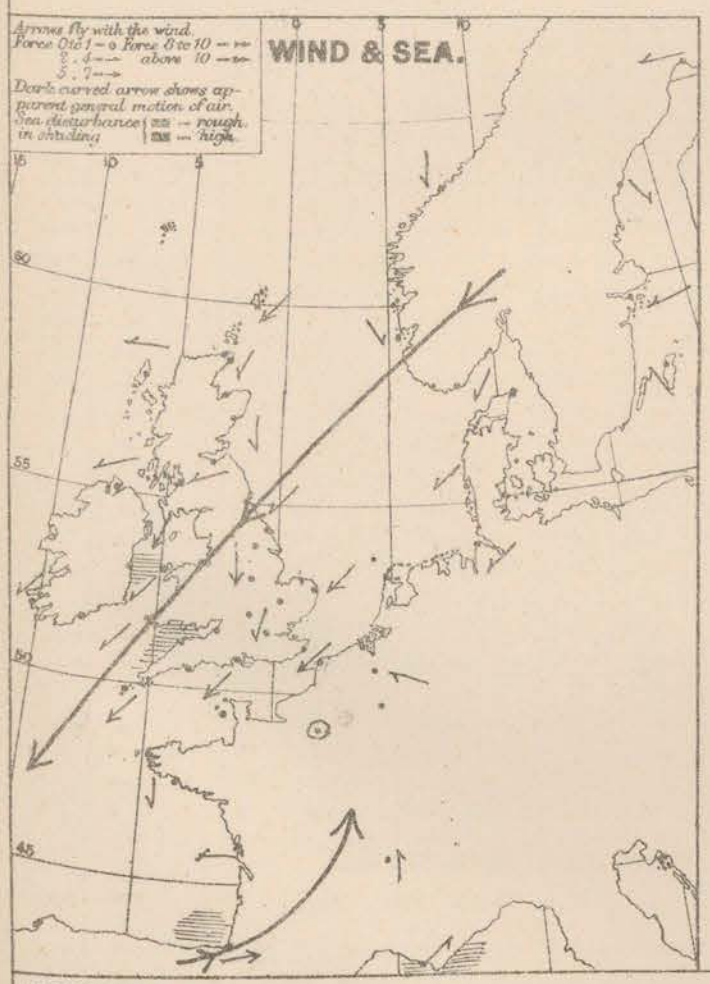
† The evening observations are taken at 6 p.m. in our Islands, at 8 p.m. (Christiania time) in Sweden, Norway, and Denmark, and at 7 p.m. (Paris time) in France.

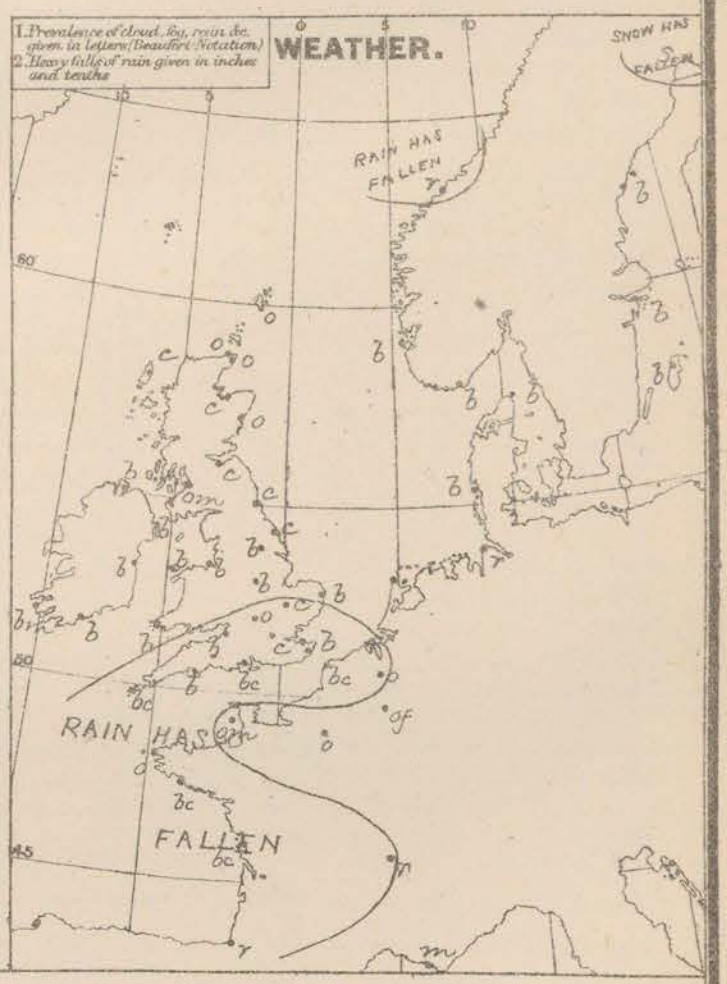
N.B.—The wind is said to "veer" when its direction changes *with the sun*, and to "back" when it shifts in the opposite direction.

WEATHER CHARTS for 8 a.m. on Thursday 25th April 1878.









REMARKS. Weather remains clear over the greater part of Scandinavia and has become very fine over Iceland and England, but in Scotland and France the sky is overcast or very cloudy and at Lyons, Biarritz, Cuxhaven and Christiansund rain is falling; snow is reported from Haparanda. Rain has fallen in slight amounts over France and the south of England, but in the north the weather has been dry. Temperature has fallen slightly generally, and varies from 52° at Plymouth and Dover, to 44° in the north. Wind is SW or S at the southern French stations but is NE or N on all other coasts; it blows freshly in the south of England, but is light elsewhere. Sea, though rather rough at a few stations, is generally moderate to slight.

Barometrical Indications. Pressure still gives way on the eastern shores of the North Sea, but is increasing in all other places. It is highest over Scotland, while the depression noticed yesterday over Brittany is travelling away E. over the Netherlands.

Subscription for these Charts payable in advance to cover delivery. Delivery by hand 10/- per quarter, book post 5/- per quarter.

Meteorological Office, 116, Victoria Street, Westminster, S.W.

R. H. SCOTT. Secretary.

Dangerfield Lith. 32 Bedford St., Covent Gar.

DAILY WEATHER REPORT APRIL 26TH 1878.

STATIONS.	† YESTERDAY EVENING. Barometer at 32° F. and Sea Level.	Temp. in shade.	Wind. Direc.	Wind. Force. (0 to 12).	Weather.	8 A.M. TO DAY. Barometer. Reading at 32° F. and Sea Level.	Barometer. Difference from 8 a.m. yesterday.	Shade Temp. Dry.	Shade Temp. Wet.	Shade Temp. Difference from 8 a.m. yesterday.	Wind. Direc.	Wind. Force. (0 to 12).	Weather.	Sea. (0 to 9.)	PAST 24 HOURS. Shade Temp. Max.	Shade Temp. Min.	Amount of Rainfall.
Haparanda ...	29.96	29	Z	0	0	29.89	− .07	28	26	− 2	SE	2	bc	*	34	25	–
Hernösand ...	29.99	45	NN	2	bc	29.97	− .01	41	36	− 5	NNW	4	0	*	*	*	–
Stockholm ...	29.95	45	SE	2	b	29.95	+ .03	45	40	− 3	NNE	2	c	*	*	*	–
Wisby	29.93	41	ENE	4	b	29.94	.00	41	40	− 7	NE	6	b	*	*	*	–
Christiansund ...	30.15	41	N	2	c	30.14	+ .05	41	39	− 2	WSW	4	0	4	45	34	0.12
Skudesnaes ...	29.96	52	NNW	2	b	30.05	+ .10	53	46	+ 1	NE	2	b	2	57	52	–
Oxö (Xtiansand)	29.93	52	NE	4	b	30.02	+ .10	50	42	0	NNE	4	b	3	52	36	–
Skagen (The Scaw)	29.91	47	NE	2	b	29.99	+ .10	47	44	0	NE	3	b	1	59	41	–
Fanö	29.85	46	NNE	5	b	29.91	+ .11	51	46	+ 1	NE	2	b	*	61	37	–
Cuxhaven ...	29.84	55	NE	5	b	29.87	+ .11	48	45	0	NE	4	b	*	57	43	0.02
Sumburgh Head	30.20	42	NNE	5	c	30.20	+ .03	43	40	− 1	NE	5	0	4	46	40	–
Stornoway	30.20	47	E	5	b	30.23	+ .07	45	42	− 1	ENE	2	0	3	48	39	–
Thurso	30.22	45	NNE	3	0	30.24	+ .06	43	40	− 1	NNE	3	0	3	51	42	–
Wick	30.23	44	NNE	3	0	30.22	+ .04	44	40	− 1	N	2	0	2	51	40	–
Nairn	30.23	46	E	2	0	30.24	+ .07	43	40	− 2	E	1	0	2	51	41	0.01
Aberdeen ...	30.16	45	N	3	c	30.19	+ .07	43	40	− 2	N	3	0	3	48	39	0.03
Leith	30.13	45	ESE	2	c	30.18	+ .08	43	41	− 1	NE	3	c	*	49	40	–
Shields	30.10	45	NE	4	c	30.15	+ .13	43	41	− 3	ENE	4	0	4	47	40	0.01
Scarborough ..	30.04	45	N	3	0	30.10	+ .15	45	43	− 4	N	3	0	3	49	43	–
York	30.05	46	N	2	c	30.11	+ .17	47	43	− 1	N	2	0	*	52	42	–
Nottingham ...	30.01	48	N	5	b	30.10	+ .22	46	42	− 3	NNE	5	b	*	58	39	–
Ardrossan ...	30.10	54	ENE	4	b	30.19	+ .11	47	41	+ 3	NE	2	b	1	57	39	–
Greencastle ...	30.14	57	NNE	2	b	30.18	+ .13	47	44	− 2	S	1	0	*	57	40	–
Donaghadee ...	30.11	47	SSE	2	b	30.20	+ .16	48	44	+ 1	NE	3	c	2	54	42	–
Kingstown ...	30.08	50	NE	3	b	30.20	+ .21	45	42	− 2	NE	4	bc	4	50	44	–
Holyhead ...	30.05	50	NNE	4	b	30.13	+ .18	46	44	− 2	ENE	2	0	2	53	43	–
Liverpool (Bidston)	30.03	50	NE	3	b	30.13	+ .20	47	42	− 3	NE	1	b	1	57	38	–
Valencia	30.01	60	ENE	2	bm	30.14	+ .19	52	48	+ 1	NNE	1	bm	1	62	40	–
Roche's Point...	30.03	54	E	3	b	30.13	+ .21	48	45	+ 1	E	3	b	3	60	41	–
Pembroke ...	29.93	55	N	4	b	30.10	+ .25	44	41	− 3	ENE	1	bm	1	59	39	–
Portishead ..	29.90	56	NNE	5	bc	30.07	+ .26	44	42	− 2	NNE	4	c	4	62	40	–
Scilly	29.93	52	NNE	5	c	30.06	+ .27	51	49	0	ENE	4	b	2	53	48	–
Plymouth ...	29.89	59	NE	3	b	30.04	+ .29	49	46	− 3	N	2	b	*	62	42	–
Hurst Castle ...	29.82	58	NE	6	b	30.01	+ .30	47	44	− 2	NE	5	b	5	61	42	–
Dover	29.79	49	NNE	6	bc	29.93	+ .27	48	45	− 4	N	5	bc	3	54	44	0.05
London	29.87	55	NNW	4	b	30.01	+ .27	45	42	− 3	N	4	0	*	62	43	–
Oxford	*	*	*	*	*	30.07	+ .25	43	40	− 2	NNE	2	c	*	60	41	–
Cambridge ...	29.92	47	N	3	b	30.05	+ .25	45	43	− 5	N	2	0	*	61	42	–
Yarmouth ...	29.86	48	NNE	5	b	29.97	+ .21	47	45	− 1	N	5	c	4	52	43	–
The Helder ...	*	*	*	*	*	29.87	+ .19	50	48	− 1	NNE	2	bc	*	*	*	–
Cape Gris Nez	29.76	48	NE	6	bc	29.93	+ .30	46	45	− 2	NNE	8	c	7	55	46	0.04
Jersey	29.85	54	NNE	3	bc	30.03	+ .31	47	45	− 1	?	4	bc	3	57	45	0.01
Brest	29.90	55	NE	2	0	30.05	+ .31	46	45	− 4	Z	0	b	3	?	?	–
L'Orient	29.86	54	N	3	c	30.02	+ .30	50	46	− 2	NE	2	b	3	55	46	–
Rochefort ...	29.79	59	NW	4	bc	30.92	+ .27	48	46	− 4	N	4	bc	3	64	45	–
Biarritz	29.87	57	WSW	4	c	29.99	+ .28	54	52	+ 2	WSW	4	f	3	57	48	0.04
Corunna	*	*	*	*	*				*						*	*	*
Brussels	*	*	*	*	*	29.82	+ .24	48	44	− 4	NE	3	bc	*	63	45	0.04
Charleville ...	*	*	*	*	*	29.78	+ .25	50	*	0	NNW	3	c	*	*	*	*
Paris	29.65	55	WNW	3	f	29.84	+ .25	46	46	− 6	NW	4	0	*	*	*	0.08
Lyons	*	*	*	*	*	29.77	+ .17	54	*	− 1	NE	2	c	*	*	*	*
Toulon	29.69	55	N	5	b	29.70	+ .03	53	48	0	NW	6	b	6	61	50	–

YESTERDAY'S 2 P.M. REPORTS AND REMARKS.

	Bar.	Dry.	Wet.	Wind.		Wea.	Sea.		Bar.	Dry.	Wet.	Wind.		Wea.	Sea.
Skudesnaes ...	29.94	57	46	NNW	4	b	2	Valencia	30.00	60	53	NNE	3	bm	2
Thurso	30.21	46	43	NNE	3	0	3	Scilly	29.88	53	50	NNE	5	bc	4
Scarborough ...	30.02	45	43	NNE	4	0	4	London	29.80	60	53	N	4	bc	*
Greencastle ...	30.12	55	50	E	2	b	*	Rochefort ...	29.74	59	55	NW	4	bc	3
Holyhead	30.04	51	48	NNE	5	b	4								

Barometer has risen steadily everywhere since the morning, and the winds continue N^ly or NE^ly.

EXPLANATION OF COLUMNS.

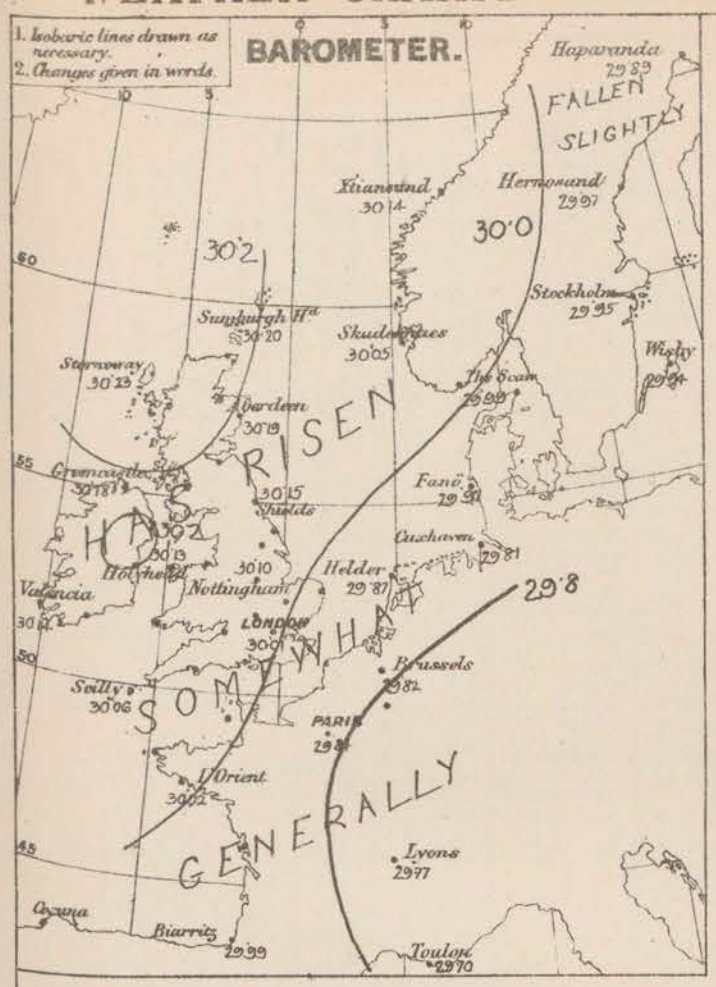
WEATHER.—*Beaufort Scale* is, b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.

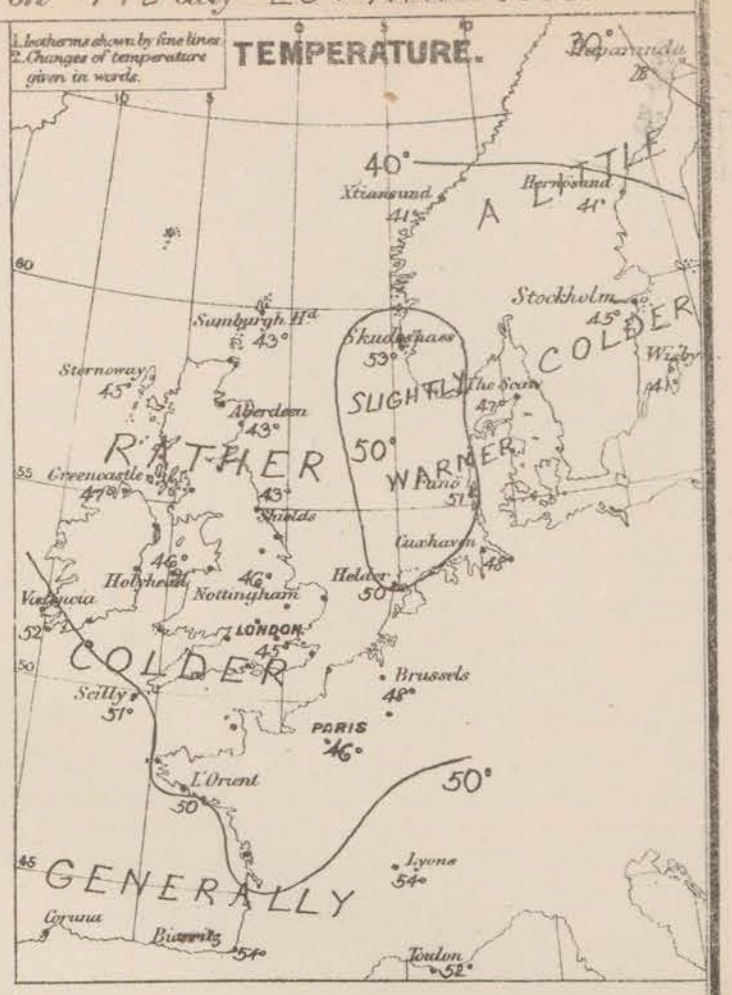
* AN ASTERISK is inserted in all places for which information is not usually received.

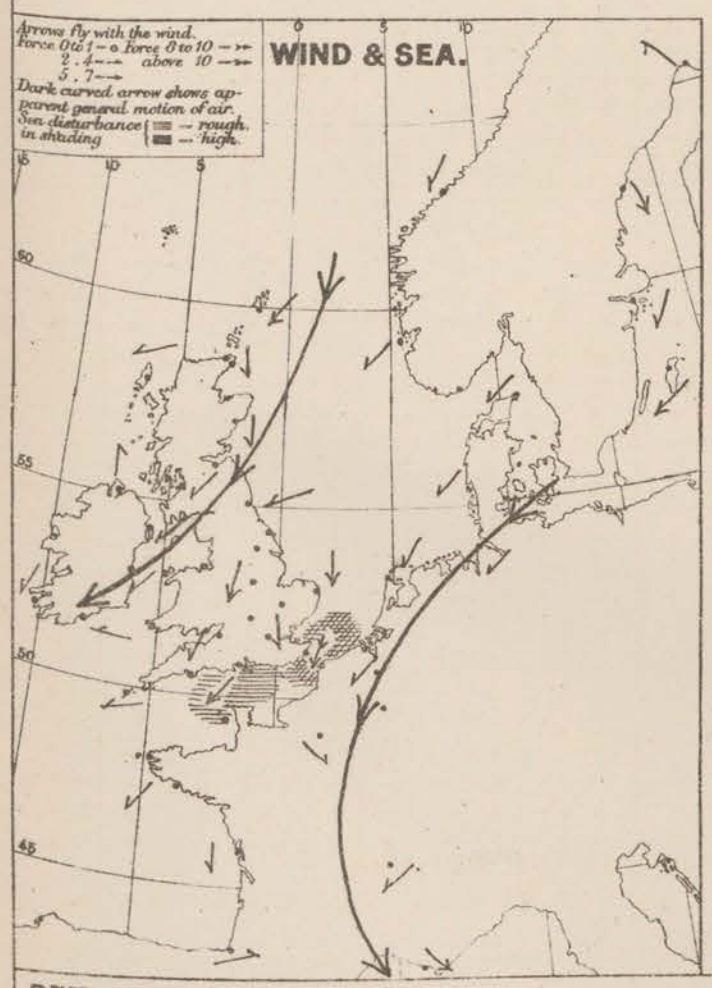
† The evening observations are taken at 6 p.m. in our Islands, at 8 p.m. (Christiania time) in Sweden, Norway, and Denmark, and at 7 p.m. (Paris time) in France.

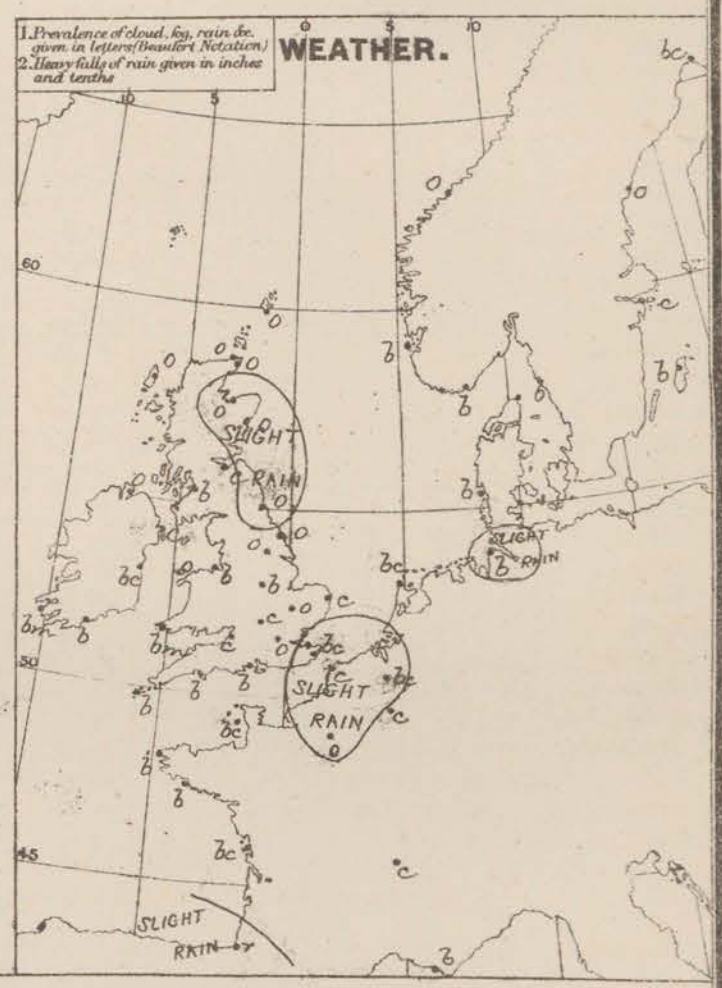
N.B.—The wind is said to "veer" when its direction changes with the sun, and to "back" when it shifts in the opposite direction.

WEATHER CHARTS for 8 a.m. on Friday 26th April 1878.









REMARKS. Weather is fine over our more southern stations as well as over the greater part of France and on the eastern shores of the North Sea but is overcast in Scotland and the north of Scandinavia, and rain is falling at Biarritz. Very little rain has occurred over Western Europe during the past twenty four hours. Temperature has fallen a few degrees in most places, and varies from 52° at Valentia to 43° on our north east coast; in London the thermometer rose to 62° during yesterday, and fell to 43° during the night. Wind is NE^{ly} generally but is N^{ly} over the south east of England and north and west of France, and veers into NW at Toulon. It blows strongly at Cape Finisterre and over the south of England. Sea is rough in the Channel, moderate to slight elsewhere.

Barometrical Indications. Pressure is increasing over the whole of Western Europe, the change being greatest in the north of France. The depression noticed during the past two days is passing away over Central Europe.

Subscription for these charts payable in advance to cover delivery. Delivery by hand £1 per quarter, book post 5/- per quarter.

Meteorological Office.
116, Victoria Street, Westminster. S.W.
R. H. SCOTT.
Secretary

DAILY WEATHER REPORT APRIL 27TH 1878.

STATIONS.	† YESTERDAY EVENING. Barometer at 32° F. and Sea Level.	Temp. in shade.	Wind. Direc.	Wind. Force. (0 to 12).	Weather.	8 A.M. TO DAY. Barometer. Reading at 32° F. and Sea Level.	Barometer. Difference from 8 a.m. yesterday.	Shade Temp. Dry.	Shade Temp. Wet.	Shade Temp. Difference from 8 a.m. yesterday.	Wind. Direc.	Wind. Force. (0 to 12).	Weather.	Sea. (0 to 9.)	PAST 24 HOURS. Shade Temp. Max.	Shade Temp. Min.	Amount of Rainfall.
Haparanda ...	29·96	29	Z	0	0	29·95	+ ·06	28	26	0	Z	0	0	*	34	23	–
Hernösand ...	29·93	43	NNW	4	7	29·93	– ·04	43	38	+ 2	NW	4	0	*	*	*	–
Stockholm ...	29·93	42	SW	2	0	29·96	+ ·01	45	40	0	N	2	7	*	*	*	–
Wisby	29·96	40	E	4	7	29·98	+ ·04	41	39	0	ENE	4	7	*	*	*	–
Christiansund ...	30·16	44	NSW	6	0	30·10	– ·04	43	41	+ 2	W	6	0	4	45	36	
Skudesnaes ...	30·05	48	NNW	2	7	30·10	+ ·05	48	44	– 5	NNW	8	7	2	54	48	–
Oxö (Xtiansand)	30·06	48	SW	2	7	30·09	+ ·07	46	42	– 4	NNW	4	7	2	52	39	–
Skagen (The Skaw)	30·02	47	Z	0	7	30·08	+ ·09	48	44	+ 1	E	2	7	1	63	41	–
Fanö	30·02	47	N	2	7	30·08	+ ·17	51	46	0	N	2	7	*	61	37	–
Cuxhaven ...	30·02	?	ENE	4	7	30·07	+ ·26	50	47	+ 2	NE	2	7	*	55	46	–
Sumburgh Head	30·24	47	NE	2	7	30·25	+ ·05	45	42	+ 2	N	1	c	3	49	36	–
Stornoway	30·22	47	ENE	4	7	30·21	– ·02	47	44	+ 2	SSE	2	7	1	47	37	–
Thurso	30·25	47	NNE	1	0	30·25	+ ·01	44	43	+ 1	Z	0	c	1	52	32	–
Wick	30·25	46	ENE	4	0	30·25	+ ·03	47	46	+ 3	ESE	1	7	0	50	33	–
Nairn	30·25	46	E	1	7	30·25	+ ·01	47	43	+ 4	Z	0	7	0	49	43	–
Aberdeen ...	30·20	46	N	2	0	30·24	+ ·05	47	45	+ 4	E	1	7	2	48	43	–
Leith	30·20	46	ESE	3	7c	30·24	+ ·06	48	44	+ 5	ENE	1	7c	*	50	41	–
Shields	30·19	45	NE	3	7	30·24	+ ·09	42	39	– 1	N	2	7m	3	48	36	–
Scarborough .	30·17	45	N	3	c	30·24	+ ·14	46	43	+ 1	N	2	7	3	50	42	–
York	30·17	50	N	1	7	30·23	+ ·12	43	41	– 4	N	1	7	*	57	34	–
Nottingham ...	30·13	52	N	3	7	30·26	+ ·16	45	42	– 1	N	3	c	*	60	40	–
Ardrossan ...	30·20	52	SSE	2	7	30·23	+ ·04	46	41	– 1	NE	2	c	?0	54	43	–
Greencastle ...	30·21	50	E	2	7	30·21	+ ·02	47	43	0	ESE	2	0	*	56	39	–
Donaghadee ...	30·21	49	NE	4	7c	30·24	+ ·04	44	42	– 4	NE	4	7	3	51	42	–
Kingstown ...	30·20	47	NE	3	c	30·21	+ ·01	48	46	+ 3	ENE	2	cf	3	48	44	–
Holyhead ...	30·17	47	NNE	3	7	30·19	+ ·06	47	46	+ 1	SE	2	7	1	49	42	–
Liverpool (Bidston)	30·13	48	NW	2	7	30·23	+ ·10	44	41	– 3	SE	2	7	1	53	39	–
Valencia	30·16	53	NSW	3	7	30·16	+ ·02	50	47	– 2	NE	1	7mw	2	59	41	–
Roche's Point...	30·19	55	ESE	3	7	30·18	+ ·05	45	42	– 3	N	1	7	1	61	42	–
Pembroke ...	30·12	48	N	4	7	30·16	+ ·06	48	45	+ 4	ESE	4	7mw	3	53	47	–
Portishead ...	30·07	57	N	2	c	30·21	+ ·14	42	41	– 2	NNE	4	0	3	62	39	–
Scilly	30·14	51	NNE	4	7	30·15	+ ·09	51	48	0	ENE	4	7	1	53	45	–
Plymouth ...	30·10	51	S	2	7	30·16	+ ·12	51	47	+ 2	ENE	4	7	*	57	40	–
Hurst Castle ...	30·05	57	NNE	3	7	30·19	+ ·18	49	46	+ 2	ENE	3	7	3	59	42	–
Dover	30·02	50	NNE	4	7	30·15	+ ·22	48	45	0	N	5	7c	3	56	42	–
London	30·07	55	N	2	7	30·18	+ ·17	48	45	+ 3	N	1	7f	*	61	41	–
Oxford	*	*	*	*	*	30·21	+ ·14	47	44	+ 4	NE	2	7	*	58	42	–
Cambridge ...	30·11	48	N	3	7c	30·20	+ ·15	47	45	+ 2	N	2	0	*	59	42	–
Yarmouth ...	30·05	47	N	4	c	30·18	+ ·21	46	45	– 1	N	3	cm	3	50	46	–
The Helder ...	*	*	*	*	*	30·11	+ ·24	51	49	+ 1	NNE	1	7c	*	*	*	–
Cape Gris Nez	30·02	46	NNE	6	8	30·14	+ ·21	45	45	– 1	NE	6	0	5	52	45	–
Jersey	30·11	49	N	1	7	30·19	+ ·16	50	49	+ 3	E	2	7cm	1	52	44	–
Brest	30·14	?	N	3	7	30·21	+ ·16	45	43	– 1	E	2	7	3	59	?	–
L'Orient	30·08	55	NNW	3	7	30·17	+ ·15	46	46	– 4	ENE	3	7	3	63	37	–
Rochefort ...	30·04	57	ENE	2	c	30·12	+ ·20	48	46	0	NE	3	7	3	59	43	0·16
Biarritz	30·08	55	W	2	c	30·13	+ ·14	54	50	0	SSE	1	7	3	57	46	0·16
Corunna	*	*	*	*	*				*						*	*	*
Brussels	*	*	*	*	*	30·08	+ ·26	50	44	+ 2	NNE	2	0	*	62	45	–
Charleville ...	*	*	*	*	*	?29·95	+ ·17	50	*	0	N	3	0	*	*	*	*
Paris	29·93	55	NNW	4	c	30·09	+ ·25	44	43	– 2	NW	3	0	*	*	*	–
Lyons	*	*	*	*	*	30·11	+ ·24	50	*	+ 2	NW	4	f	*	*	*	*
Toulon	?	?	?	?	?	29·78	+ ·08	48	46	– 4	NW	7	m	7	61	52	–

YESTERDAY'S 2 P.M. REPORTS AND REMARKS.

	Bar.	Dry.	Wet.	Wind.		Wea.	Sea.		Bar.	Dry.	Wet.	Wind.		Wea.	Sea.
Skudesnaes ...	30·06	54	46	NW	4	7	2	Valencia	30·16	57	50	NSW	3	7m	3
Thurso	30·25	50	45	NNE	2	c	3	Scilly	30·11	50	49	NE	4	7	2
Scarborough ...	30·14	48	45	N	3	7c	4	London	30·04	57	55	N	3	7c	*
Greencastle ...	30·20	52	46	E	2	7	*	Rochefort ...	30·00	55	54	N	3	0	3
Holyhead	30·16	48	44	NNE	3	0	2								

Pressure is still increasing slowly everywhere and the wind is light from NE. with fine, dry weather.

EXPLANATION OF COLUMNS.

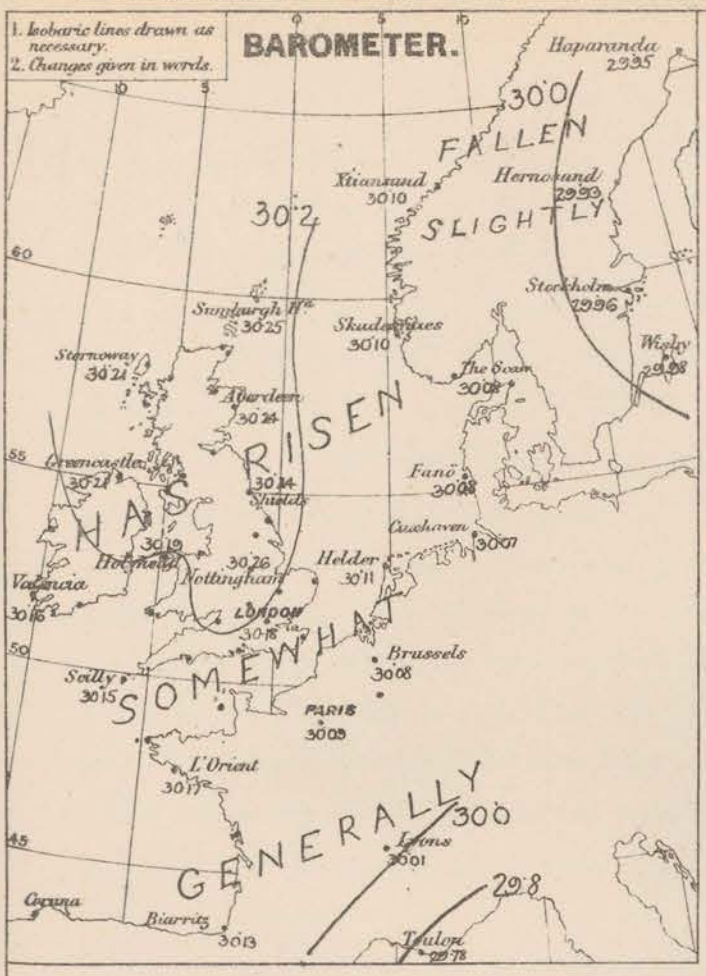
WEATHER.—*Beaufort Scale* is, b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency w. dew.

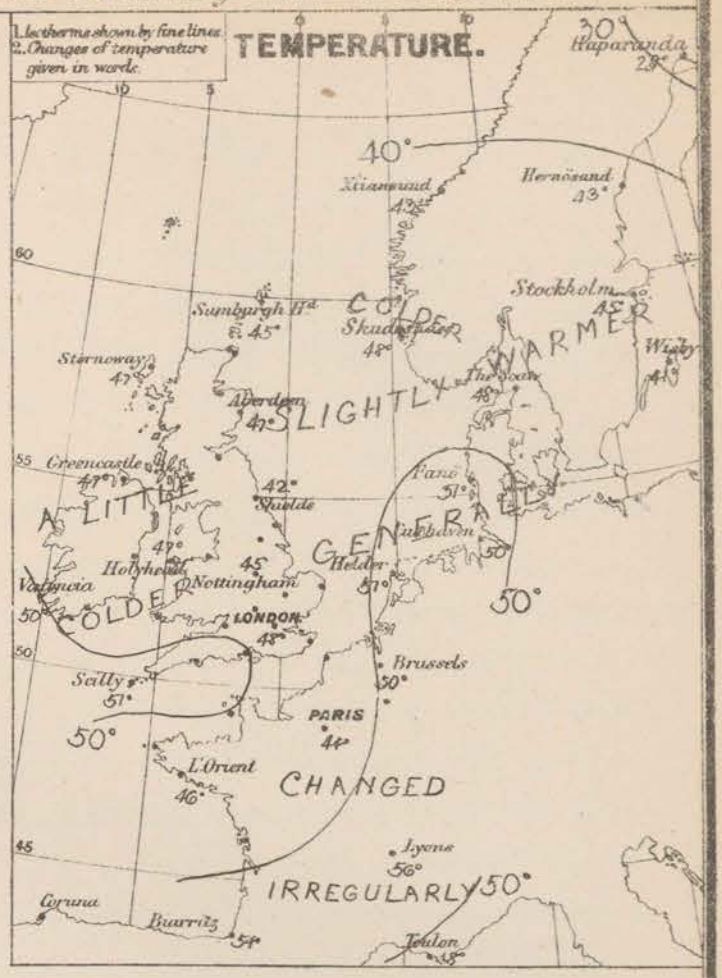
* AN ASTERISK is inserted in all places for which information is not usually received.

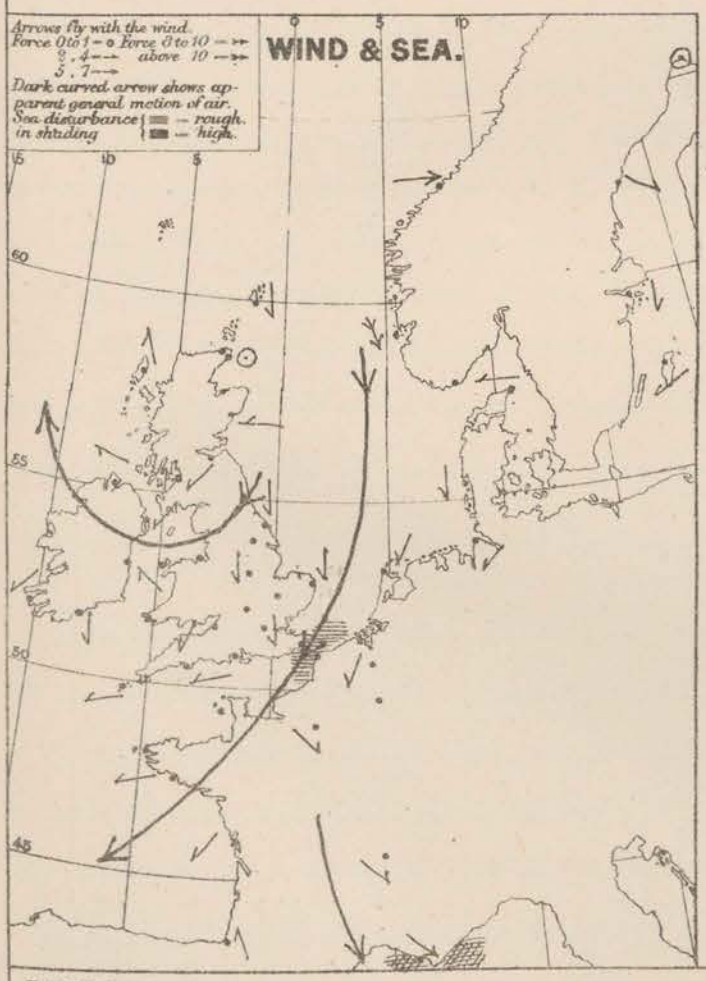
† The evening observations are taken at 6 p.m. in our Islands, at 8 p.m. (Christiania time) in Sweden, Norway, and Denmark, and at 7 p.m. (Paris time) in France.

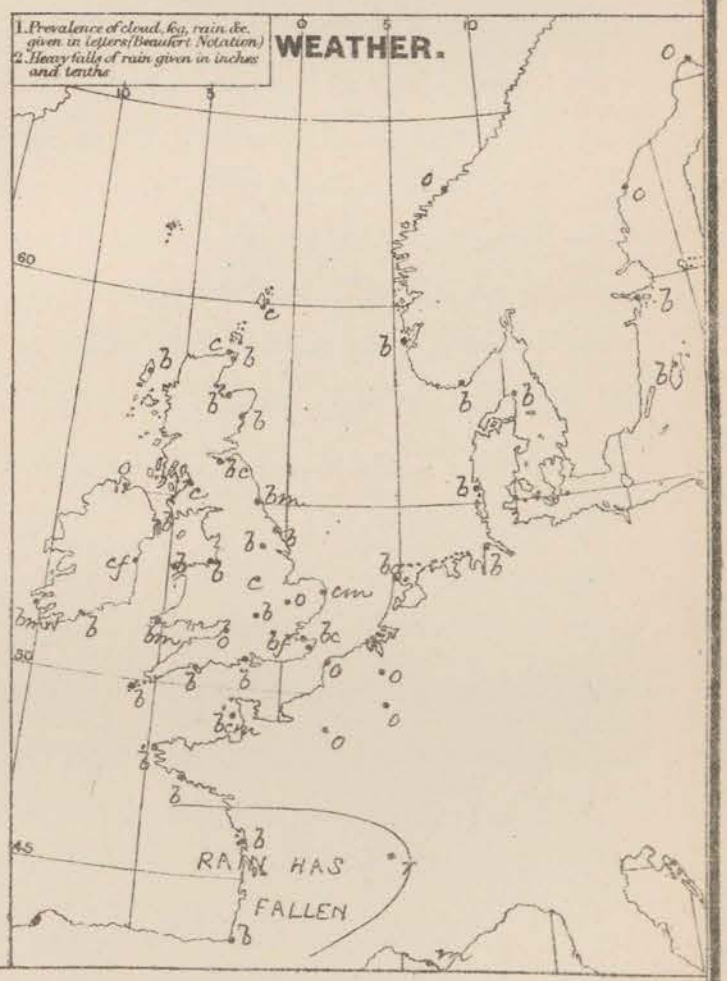
N.B.—The wind is said to "veer" when its direction changes *with the sun*, and to "back" when it shifts in the opposite direction.

WEATHER CHARTS for 8 a.m. on Saturday 27th April 1878.









REMARKS. Weather is very fine over the whole of Western Europe; and the only rain which has fallen during the past 24 hours is a few hundredths at Rochefort and Biarritz. Temperature has fallen a few degrees at many of our western stations, but risen slightly in the east and south east; it is very uniform over these Islands, varying from 51° in the south west to 42° on our north east coast. Wind is N^ly at our more eastern stations as well as over the North Sea and coast of France but is E^ly on our western coasts and over the Bay of Biscay; at Christiansund it is NNW^ly; it is light or moderate generally, but blows strongly in the west of Norway and freshly in the Straits of Dover. Sea is moderate to slight except off Cape Finis^tre.

Barometrical Indications. Pressure is decreasing slightly at our extreme western and northern stations as well as in the north of Sweden but increasing in all other places; it is high and very uniform over the British Isles, while the lowest readings are reported from the south east of France.

Subscription for these Charts payable in advance to cover delivery. Delivery by hand 10/ per quarter, book post 5/ per quarter.

Meteorological Office,
116, Victoria Street, Westminster, S.W.

R. H. SCOTT.
Secretary.

Dangerfield Lith. 24 Northumberland St. Strand Corner

SUMMARY OF WEATHER IN WESTERN EUROPE

from APRIL 21st *to* APRIL 28th 1878.

(Issued Weekly as a Supplement to the "Daily Weather Report.")

Pressure from the 21st to 24th was highest over the Baltic and Gulf of Bothnia, while depressions advanced to the NW. of France and SW. of England. In consequence, during that period south-easterly to NE breezes, moderate to strong in force, prevailed generally while the weather was cloudy and rather unsettled, temperature being uniform at from 45° to 50°. On the 24th a change occurred in the distribution, the barometer fell in Sweden while it rose over the north of these Islands, so that the area of highest pressure now lay to the NW of Scotland, while the low pressure passed eastward over Central Europe, the wind at the same time backed more to the NW and temperature fell generally. These conditions continued until the close of the week the only modification being that owing to the excess of rise in the barometer in the S. as compared with that in the N, readings became more uniform and the winds lighter on the last two days. The weather was very dry towards the close of the week.

APRIL 21st Pressure was increasing at 8 a.m. over the whole of Western Europe, the change was slight everywhere, but particularly so over our SWrn stations, where a well defined area of low readings was shown. Regions of high pressure were reported both from Sweden and Spain. Wind was NW on our south-western coasts, W over the Bay of Biscay and France, SW and S at the south-eastern stations, and SE to E over the North Sea and Scotland; it blew freshly on our extreme NErn and SWrn coasts, but was light in the intermediate regions. Temperature was higher in the E. of these Islands and in the N. of Norway, lower in most other places; it was very uniform, varying between 45° and 50°. Weather was fine over France, North Germany, Denmark and Scandinavia, moderately so over these Isles, but at Cork and Pembroke rain was falling. In the evening the barometer was rising everywhere, and the depression was apparently filling up; it still occupied almost the same position, and the winds were unchanged.

APRIL 22nd Pressure was still increasing at all stations except Biarritz, it was highest (30·4 ins.) over the Baltic and lowest (29·78 ins.) to the SW of Ireland, but a band of low readings extended over the Channel and neighbouring shores, while the depression from the N. of England lay apparently over the Netherlands. Wind was W over France, but E over our own coasts and over the North Sea; it was fresh in force over the Bay of Biscay and in Denmark, light or moderate elsewhere. Temperature had changed little and rather irregularly; it had, however risen slightly in Ireland and the N. of Scandinavia, fallen at the SErn stations. Weather was overcast and foggy at our eastern and central stations but moderately clear in the N. and NW. and quite so in the countries to the eastward of the North Sea. Rain was falling at Cambridge and in the east of France. Later Reports showed a rather brisk decrease of pressure in the SW. and the SE wind on those coasts increased to a strong breeze.

APRIL 23rd The mercury had fallen half an inch in the NW. of France and the decrease in pressure, which had commenced in the SW. on the previous day had spread to all part of Western Europe. A well

defined depression (29·4 ins:) which had apparently advanced from the SW. across the Bay of Biscay, lay off the NW. of France, while an area of high pressure (30·2 ins:) lay over the S. of Norway and Sweden. Wind in the Sn part of our area was cyclonic and circulated round the centre of low pressure, while in the N and E., it was E. to SE. and anticyclonic; it blew a gale from SW. at Coruña, and was strong from E. in the Channel, but was light or moderate on all other coasts. The changes in temperature were slight and irregular; it varied from 52° on our SW. coasts to 45° in the NE. Weather was very fine to the eastward of the North Sea and also in Scotland, but was overcast in most other places, with rain at some of the French stations with Plymouth and Jersey. Later in the day the depression advanced a little E.wd and the barometer began to rise at our Wn and Nn stations as well as in the East of France.

APRIL 24th. Pressure was giving way over the whole of Scandinavia, North Germany, and the E. of France, but was rising in all other places, the depression still lay off the NW. coast of France, but was apparently filling up (29·5 ins) while the highest readings lay near the Shetlands (30·10 ins:). Wind was moderate or fresh from E. over the North Sea and strong from NE. on our Western coasts, while a hard gale from SW was blowing at Coruña and a moderate breeze from the same quarter at Biarritz. Temperature has risen slightly in the E. and SE. but fallen in most other districts, it varied from 52° in London and 50° at Valentia to 42° at Stornoway Head. Weather remained exceedingly fine over Sweden, Norway, Denmark and N. Germany, but was overcast and unsettled elsewhere with heavy rain in the SE. In the evening the depression was moving slowly ESE. and the wind had backed more to the Wn and fallen lighter.

APRIL 25th. Pressure still decreased slowly over Norway, Sweden, and N. Germany, while a further slight rise of the barometer was reported from all other parts of Western Europe, the depression was shown over the NE. of France, but it had become much less important. Wind was N. to NE. on all coasts, and was fresh in force over the Central and Sn parts of England. Temperature had risen slightly over Denmark, but had fallen elsewhere; it varied from 52° in the S. to 44° in the N. Weather was cloudy over Scotland and France with rain at Lyons and Biarritz, but in most other places the sky was clear. No important change occurred during the day.

APRIL 26th. A further slight decrease of pressure was reported from the N. of Sweden, but in all other parts of our area the mercury was rising. The highest readings (30·2 ins:) were reported from the NW. of Scotland, the lowest (29·7 ins:) from the SE. of France. Wind was N. to NE. at all stations except those in the E. of France; it was strong in force in the SE. of England and the Straits of Dover. Temperature was slightly lower generally; it varied over these Islands from 52° at Valentia to 43° in the NE. Weather was overcast in the N. of Scotland and Ireland and rain was falling at Biarritz, but in most other places the sky was clear or nearly so. During the day the barometer remained steady in the N. while it still rose slowly in the S. so that readings became more uniform though the general distribution underwent no important change.

APRIL 27th. Pressure was decreasing slightly in the extreme W. and N. increasing elsewhere, and readings had become exceedingly uniform over Wn Europe; they varied from 30·26 ins: at Nottingham to 29·8 ins: at Toulon. Wind was more E. than of late over the Bay of Biscay and on our SW. coasts, but remained N. elsewhere; it was still fresh in the Straits of Dover. Temperature had scarcely changed. The weather was fine over the whole of our area, and the only rain which had fallen was at Rochefort and Biarritz. In the evening the mercury was still falling in the W. and N. and the wind was S. at Valentia.

Meteorological Office,
116 Victoria Street, Westminster, S.W.
ROBERT H. SCOTT, Secretary.

DAILY WEATHER REPORT APRIL 28TH 1878.

STATIONS.	† YESTERDAY EVENING. Barometer at 32° F. and Sea Level.	Temp. in shade.	Wind. Direc.	Wind. Force. (0 to 12).	Weather.	8 A.M. TO DAY. Barometer. Reading at 32° F. and Sea Level.	Barometer. Difference from 8 a.m. yesterday.	Shade Temp. Dry.	Shade Temp. Wet.	Shade Temp. Difference from 8 a.m. yesterday.	Wind. Direc.	Wind. Force. (0 to 12).	Weather.	Sea. (0 to 9.)	PAST 24 HOURS. Shade Temp. Max.	Shade Temp. Min.	Amount of Rainfall.
Haparanda ...	29.74	27	Z	0	s	29.68	− .27	33	32	+ 5	N	2	o	*	34	25	0.16
Hernösand ...	29.91	45	N	6	c	29.87	− .06	44	39	+ 1	N	8	c	*	*	*	–
Stockholm ...	29.97	43	SSW	4	o	29.95	− .01	46	41	+ 1	NNW	2	b	*	*	*	–
Wisby	29.98	43	N	4	c	29.98	.00	44	41	+ 3	NNW	4	bc	*	*	*	–
Christiansund ...	30.10	43	N	4	c	30.06	− .04	44	42	+ 1	N	6	c	4	46	37	–
Skudesnaes ...	30.09	44	NNW	8	b	30.13	+ .03	48	44	0	NNW	6	bc	2	48	?	–
Oxö (Xtiansand)	29.99	49	SW	4	b	30.00	− .09	48	43	+ 2	NE	4	b	2	52	39	–
Skagen (The Skaw)	30.04	46	NSW	2	b	30.01	− .07	44	43	− 4	Z	0	o	0	61	37	–
Fanö	30.13	42	NW	2	o	30.12	+ .04	50	47	− 1	N	4	c	*	55	41	–
Cuxhaven ...	30.22	51	N	3	c	30.18	+ .11	45	44	− 5	NW	2	o	*	52	41	–
Sumburgh Head	30.22	45	S	2	b	30.14	− .11	44	41	− 1	S	2	c	2	51	40	–
Stornoway	30.15	50	SSE	2	b	30.05	− .16	50	47	+ 3	SSW	5	b	3	50	36	–
Thurso	30.18	45	ESE	2	b	30.11	− .14	47	46	+ 3	Z	0	bcm	1	56	38	–
Wick	30.17	46	S	3	b	30.11	− .14	48	46	+ 1	S	1	b	0	53	35	–
Nairn	30.21	46	E	2	b	30.11	− .14	44	42	− 3	Z	0	b	0	52	34	–
Aberdeen ...	30.21	46	SSE	1	b	30.15	− .09	42	41	− 5	S	1	m	1 *	52	38	–
Leith	30.20	47	ENE	2	b	30.16	− .08	43	42	− 5	ENE	1	o		53	40	–
Shields	30.23	44	ENE	2	b	30.19	− .05	39	39	− 3	N	1	of	2	48	36	–
Scarborough .	30.23	41	NE	1	o	30.21	− .03	41	41	− 5	SW	1	f	1	49	38	–
York	30.21	55	SE	1	b	30.21	− .02	39	39	− 4	S	1	o	*	61	36	–
Nottingham ...	30.12	57	SE	3	b	30.23	− .03	44	42	− 1	Z	0	o	*	63	38	–
Ardrossan ...	30.17	54	NSW	1	b	30.13	− .10	46	44	0	NE	3	bm	2	59	41	–
Greencastle ...	30.15	56	E	2	b	30.06	− .15	52	49	+ 5	S	1	b	*	58	44	–
Donaghadee ...	30.19	50	E	2	b	30.13	− .11	45	48	+ 4	SSE	2	b	1	52	38	–
Kingstown ...	30.18	54	SE	4	b	30.12	− .09	48	46	0	SE	3	bm	3	55	45	–
Holyhead ...	30.19	54	SE	2	b	30.13	− .06	50	48	+ 3	SSW	1	b	0	58	43	–
Liverpool (Brighton)	30.17	57	SE	1	b	30.15	− .08	53	48	+ 9	SE	1	b	1	61	43	–
Valencia	30.09	59	SSE	3	bo	29.96	− .20	54	50	+ 4	ESE	5	cm	5	54	45	–
Roche's Point...	30.17	55	SSE	3	bo	30.04	− .14	52	49	+ 7	SE	4	o	4	60	43	–
Pembroke ...	30.17	55	SE	1	b	30.11	− .05	50	47	+ 2	ESE	3	bc	3	56	45	–
Portishead ..	30.16	55	NNE	2	b	30.15	− .06	52	47	+ 10	N	1	b	1	62	40	–
Scilly	30.15	53	ESE	5	o	30.06	− .09	53	52	+ 2	E	5	o	2	56	48	–
Plymouth ...	30.18	54	S	2	b	30.12	− .04	51	48	0	E	4	bc	*	58	43	–
Hurst Castle ...	30.20	55	?	2	b	30.17	− .02	47	47	− 2	E	3	f	2	59	39	–
Dover	30.21	47	NE	4	b	30.21	+ .06	46	45	− 2	NNE	3	bcq	2	56	41	–
London	30.20	56	E	2	bo	30.24	+ .03	47	44	− 1	E	1	bcm	*	65	40	–
Oxford	*	*	*	*	*	30.20	− .01	50	46	+ 3	Z	0	bm	*	60	38	–
Cambridge ...	30.22	56	E	1	c	30.22	+ .02	41	40	− 6	SE	1	o	*	64	38	–
Yarmouth ...	30.22	44	NNE	3	bo	30.23	+ .05	41	40	− 5	ESE	1	bcm	2	48	39	–
The Helder ...	*	*	*	*	*	30.20	+ .09	46	44	− 5	NW	1	bc	*	*	*	–
Cape Gris Nez	30.19	48	NE	4	m	30.20	+ .06	48	46	+ 3	NE	4	o	3	52	48	–
Jersey	30.20	54	NE	1	b	30.17	− .02	51	50	+ 1	ENE	1	cm	1	58	45	–
Brest	30.19	?	Z	0	b	30.08	− .13	52	48	+ 7	ESE	3	o	2	57	?	–
L'Orient	30.17	54	NNW	2	bo	30.11	− .06	52	50	+ 6	ESE	3	o	2	61	39	–
Rochefort ...	30.12	61	NW	2	b	30.09	− .03	52	50	+ 4	E	3	o	3	64	41	–
Biarritz	30.10	57	NNE	3	c	29.99	− .14	57	54	+ 8	ENE	3	bc	3	57	48	–
Corunna	*	*	*	*	*	30.00	− .10	60	*	+ 4	N	3	c	1	*	*	*
Brussels	*	*	*	*	*	30.21	+ .13	48	46	− 2	E	3	b	*	60	43	–
Charleville ...	*	*	*	*	*	?	?	54	*	+ 4	ENE	1	c	*	*	*	*
Paris	30.13	57	NNE	3	o	30.14	+ .05	54	49	+ 10	NNE	2	b	*	*	*	–
Lyons	*	*	*	*	*	30.14	+ .13	57	*	+ 1	NE	4	c	*	*	*	*
Toulon	29.88	61	NW	5	b	29.99	+ .21	61	54	+ 13	Z	0	b	3	68	48	–

YESTERDAY'S 2 P.M. REPORTS AND REMARKS.

	Bar.	Dry.	Wet.	Wind		Wea.	Sea.
Skudesnaes ...	30.11	47	43	NW	2	b	3
Thurso	30.22	55	53	ESE	2	b	1
Scarborough ...	30.26	44	42	NE	2	b	3
Greencastle ...	30.19	55	50	ENE	2	b	*
Holyhead	30.20	56	52	NW	1	b	0
Valencia	30.14	57	47	S	2	cm	3
Scilly	30.17	56	53	ESE	5	c	2
London	30.20	59	55	N	1	bcm	*
Rochefort ...	30.15	59	52	NNE	3	c	3

No important change.

EXPLANATION OF COLUMNS.

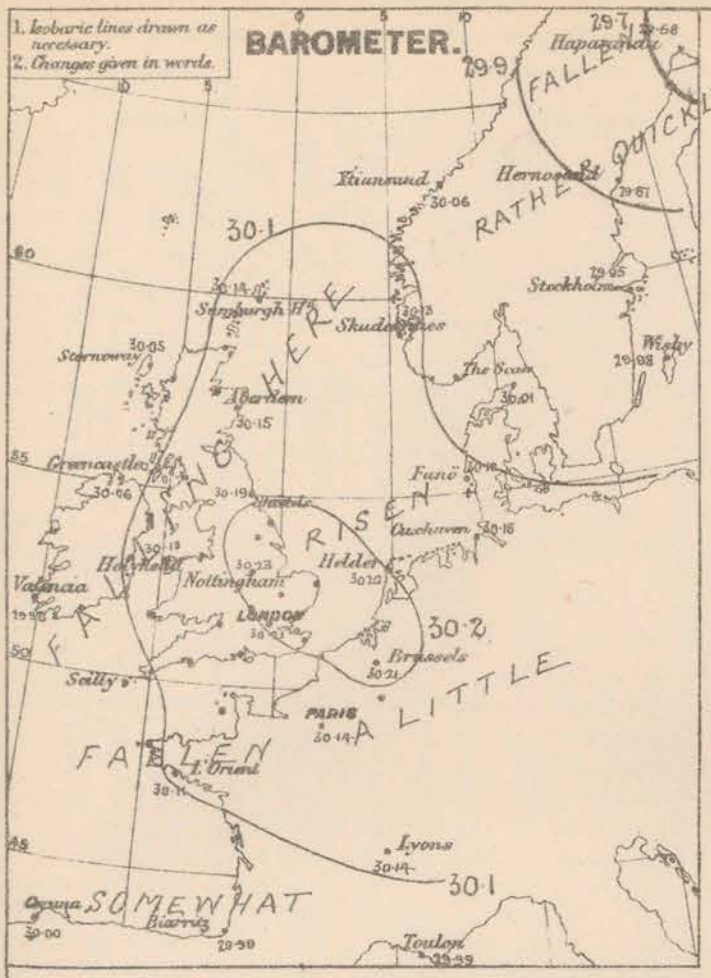
WEATHER.—*Beaufort Scale* is, b. blue sky, c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.

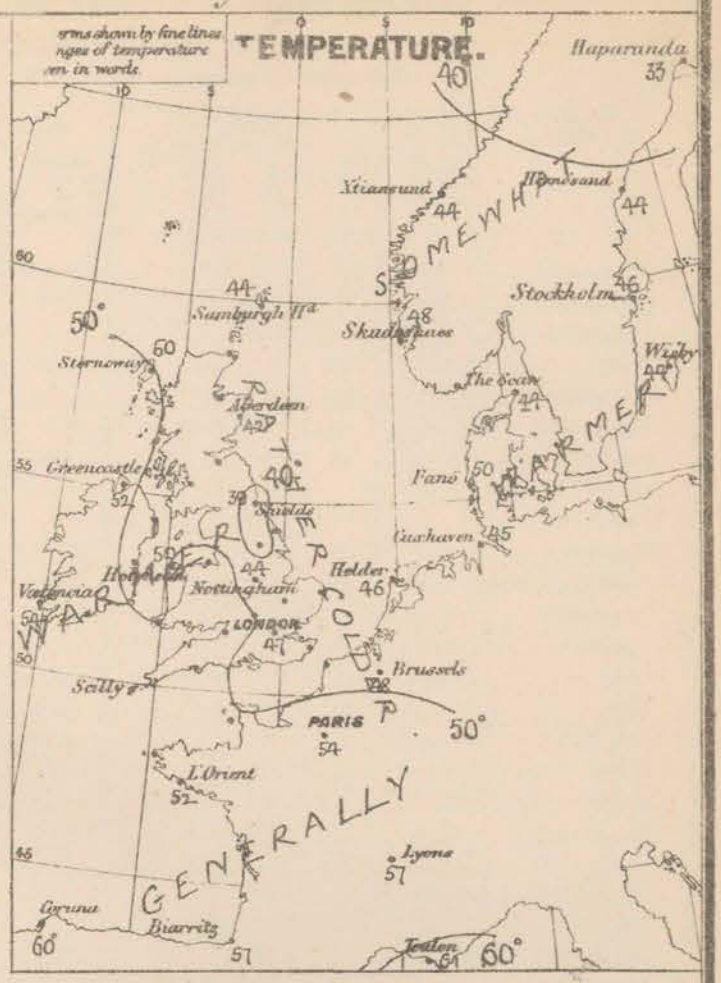
* AN ASTERISK is inserted in all places for which information is not usually received.

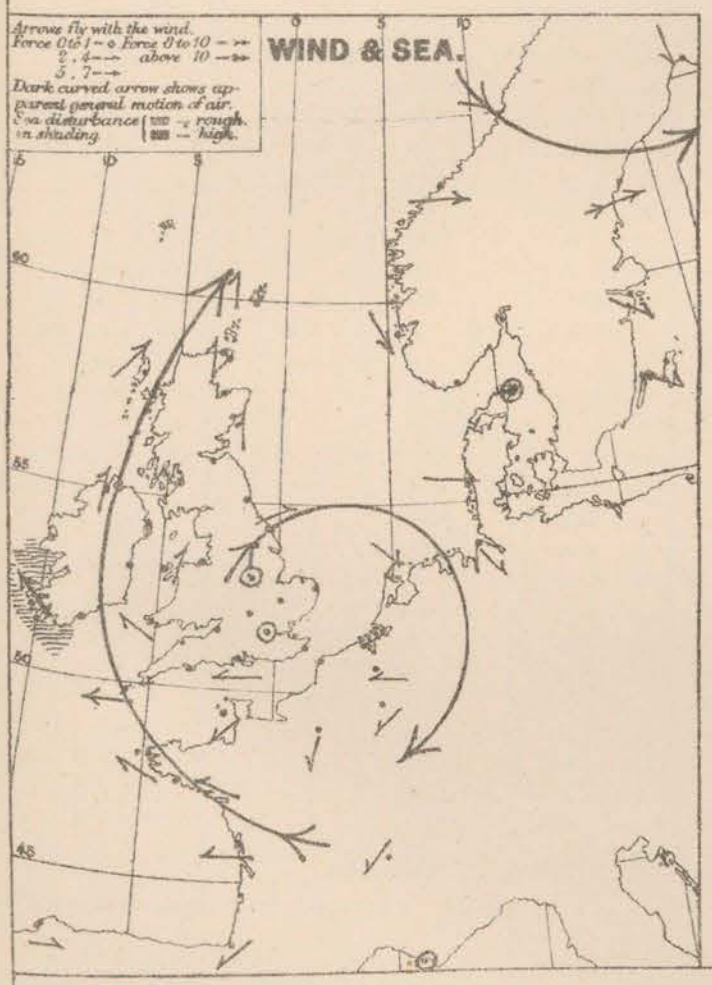
† The evening observations are taken at 6 p.m. in our Islands, at 8 p.m. (Christiania time) in Sweden, Norway, and Denmark, and at 7 p.m. (Paris time) in France.

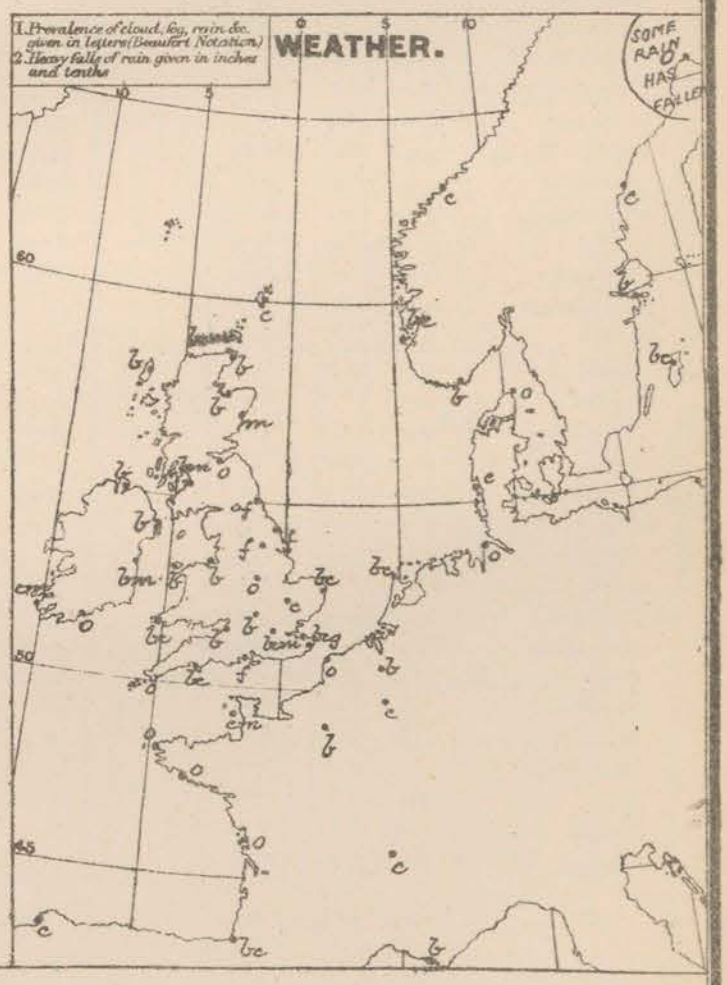
N.B.—The wind is said to "veer" when its direction changes *with the sun*, and to "back" when it shifts in the opposite direction.

WEATHER CHARTS for 8 a.m. on Sunday 28. APRIL 1878.









REMARKS. Weather is still fine and dry over the whole of W^n Europe, but is rather more cloudy than it was yesterday, and thick fog prevails off our NE. coasts. The only rain measured this morning is at Haparanda, and there the fall has not been large. Temperature has fallen a little on the E. coasts of Scotland and England, but rises at most other stations. It now varies from 39° on the NE. coast of England to 54° in the west of Ireland. Moderate to fresh breezes from the SE^ly prevail all along our W^n coasts, and light variable airs are reported over England and Scotland. In France the wind is more E^ly, while at Hernösand a moderate W^ly gale is blowing. Sea is rather rough at Valentia, moderate to smooth elsewhere.

Barometrical Indications. Pressure is almost steady over the SE. of England and the Netherlands, where an entirely closed (as to whole readings are about 30·20 ins) now lies. In the N. of Scandinavia the barometer has fallen somewhat briskly, and to a less extent over Scotland, Ireland and France, but in the extreme S. of France the mercury has risen.

Subscription for these Charts payable in advance to cover delivery. Delivery by hand 10/ per quarter, book post 6/ per quarter.

Meteorological Office, 116, Victoria Street, Westminster, S.W.

R. H. SCOTT. Secretary.

DAILY WEATHER REPORT APRIL 29TH 1878.

STATIONS.	† YESTERDAY EVENING. Barometer at 32° F. and Sea Level.	Temp. in shade.	Wind. Direc.	Wind. Force. (0 to 12).	Weather.	8 A.M. TO DAY. Barometer. Reading at 32° F. and Sea Level.	Barometer. Difference from 8 a.m. yesterday.	Shade Temp. Dry.	Shade Temp. Wet.	Shade Temp. Difference from 8 a.m. yesterday.	Wind. Direc.	Wind. Force. (0 to 12).	Weather.	Sea. (0 to 9.)	PAST 24 HOURS Shade Temp. Max.	Shade Temp. Min.	Amount of Rainfall.
Haparanda ...	30·02	28	N	2	b	30·10	+ ·42	31	29	− 2	SE	2	o	*	37	16	–
Hernösand ...	30·04	39	Z	o	b	30·13	+ ·26	40	36	− 4	Z	o	c	*	*	*	–
Stockholm ...	30·01	45	ESE	2	c	30·11	+ ·16	49	39	+ 3	Z	o	bc	*	*	*	–
Wisby	30·02	44	S	4	bc	30·06	+ ·08	47	39	+ 3	SE	6	c	*	*	*	–
Christiansund ...	30·10	44	W	3	o	30·10	+ ·04	45	42	+ 1	SE	1	c	3	46	37	–
Skudesnaes ...	30·09	45	NNW	6	b	30·07	− ·06	51	48	+ 3	NNW	2	b	2	?	45	–
Oxö (Xtiansand)	30·07	48	SSW	2	b	30·08	+ ·08	47	44	− 1	NNE	2	b	2	52	41	–
Skagen (The Skaw)																	
Fanö														*			
Cuxhaven ...	30·13	44	WNW	1	c	30·11	− ·07	47	45	+ 2	WSW	1	c	*	48	41	–
Sumburgh Head	30·07	44	SSE	3	o	30·07	− ·14	43	42	− 1	SSE	4	o	4	48	40	–
Stornoway	29·96	55	SSW	5	b	29·86	− ·19	51	48	+ 1	SSE	2	b	2	55	39	–
Thurso	30·04	54	SE	2	m	29·95	− ·16	49	47	+ 2	SSE	1	m	1	60	38	–
Wick	30·02	46	S	1	f	29·96	− ·15	47	46	− 1	S	2	f	1	55	34	–
Nairn	30·01	59	E	1	b	29·96	− ·15	48	48	+ 4	Z	o	b	1	62	39	–
Aberdeen ...	30·08	44	S	2	m	30·01	− ·14	42	42	0	S	1	m	1	47	40	–
Leith	30·04	46	S	1	c	29·97	− ·19	42	42	− 1	E	1	of	*	48	40	–
Shields	30·10	42	ESE	1	f	30·02	− ·17	41	41	+ 2	ESE	1	of	2	45	37	–
Scarborough ...	30·10	45	SSE	2	bc	30·04	− ·17	50	48	+ 9	SSE	2	b	2	50	41	–
York	30·09	59	S	1	bc	30·03	− ·18	50	44	+ 11	S	1	bc	*	62	37	–
Nottingham ...	30·09	60	SSE	1	bc	29·99	− ·24	54	47	+ 10	SE	3	o	*	67	42	–
Ardrossan ...	30·03	56	SW	2	bc	29·92	− ·21	46	44	0	NE	3	cm	2	63	42	–
Greencastle ...	29·97	57	SSE	2	o	29·83	− ·23	53	49	+ 1	SE	2	o	*	63	49	–
Donaghadee ...	30·03	52	ESE	4	b	29·89	− ·24	50	48	+ 2	SE	2	bc	1	56	45	–
Kingstown ...	30·00	54	SE	3	c	29·85	− ·27	52	49	+ 4	SE	3	c	3	57	46	–
Holyhead ...	30·05	60	SW	1	c	29·87	− ·26	54	51	+ 4	ESE	2	c	1	63	47	–
Liverpool (Bidston	30·04	60	SSE	1	bc	29·92	− ·23	52	46	− 1	ESE	2	bc	1	64	45	–
Valencia	29·85	55	SSE	6	c	29·64	− ·32	53	50	− 1	SE	5	o	5	57	49	0·07
Roche's Point...	29·95	56	SE	4	o	29·73	− ·31	52	51	0	SE	5	r	4	61	50	0·12
Pembroke ...	30·00	56	SE	3	b	29·80	− ·31	51	49	+ 1	ESE	5	am	3	57	48	–
Portishead ...	30·02	61	NNE	3	b	29·87	− ·28	53	49	+ 1	ESE	6	o	4	68	45	–
Scilly	29·99	54	ESE	5	c	29·74	− ·32	53	52	0	ESE	5	r	3	57	51	0·05
Plymouth ...	30·04	53	ESE	2	b	29·81	− ·31	55	52	+ 4	E	4	o	*	61	47	–
Hurst Castle ...	30·07	58	SE	3	b	29·86	− ·31	54	51	+ 7	ESE	4	o	3	60	47	–
Dover	30·11	52	ENE	3	b	29·99	− ·22	51	47	+ 5	E	3	bc	2	54	45	–
London	30·11	55	ESE	3	bc	29·98	− ·23	53	48	+ 6	E	3	o	*	65	40	–
Oxford	*	*	*	*	*	29·93	− ·27	53	49	+ 3	Z	o	o	*	63	47	–
Cambridge ...	30·11	58	SE	1	bc	30·00	− ·22	53	49	+ 12	SE	1	b	*	65	50	–
Yarmouth ...	30·15	45	SE	2	b	30·07	− ·16	48	47	+ 7	ESE	3	b	2	48	40	–
The Helder... ...	*	*	*	*	*	30·08	− ·12	48	46	+ 2	NW	1	bc	*	*	*	–
Cape Gris Nez	30·11	52	NE	3	b	29·98	− ·22	55	50	+ 7	ESE	2	o	1	?	46	–
Jersey	30·05	59	ENE	2	b	?	?	53	52	+ 2	ESE	2	o	2	63	50	–
Brest	30·01	?	SSE	3	bc	29·80	− ·28	54	52	+ 2	SE	3	r	4	61	?	0·04
L'Orient	30·01	59	SE	1	bc	29·80	− ·31	54	54	+ 2	ESE	3	r	2	63	50	–
Rochefort ...	29·97	61	ESE	2	o	29·87	− ·28	59	54	+ 5	SE	3	o	3	?	46	–
Biarritz	29·87	68	ENE	4	o	29·78	− ·21	72	61	+ 15	SE	3	c	2	87	55	–
Corunna	*	*	*	*	*				*						*	*	*
Brussels	*	*	*	*	*	30·03	− ·18	53	48	+ 5	E	2	bc	*	65	42	–
Charleville ...	*	*	*	*	*	? 30·03	− ·07	50	*	− 4	SE	1	c	*	*	*	*
Paris	30·04	63	E	3	bc	29·95	− ·19	53	48	− 1	E	3	o	*	*	*	–
Lyons	*	*	*	*	*	30·03	− ·11	55	*	− 2	SE	2	o	*	*	*	*
Toulon	30·05	63	W	2	b	30·12	+ ·13	54	52	− 7	E	2	m	3	72	?	–

YESTERDAY'S 2 P.M. REPORTS AND REMARKS.

	Bar.	Dry.	Wet.	Wind.		Wea.	Sea.		Bar.	Dry.	Wet.	Wind.		Wea.	Sea.
Skudesnaes ...	30·10	49	43	NW	6	b	c	Valencia							
Thurso								Scilly							
Scarborough ...								London							*
Greencastle ...							*	Rochefort ...	30·03	70	59	ESE	3	o	3
Holyhead															

EXPLANATION OF COLUMNS.

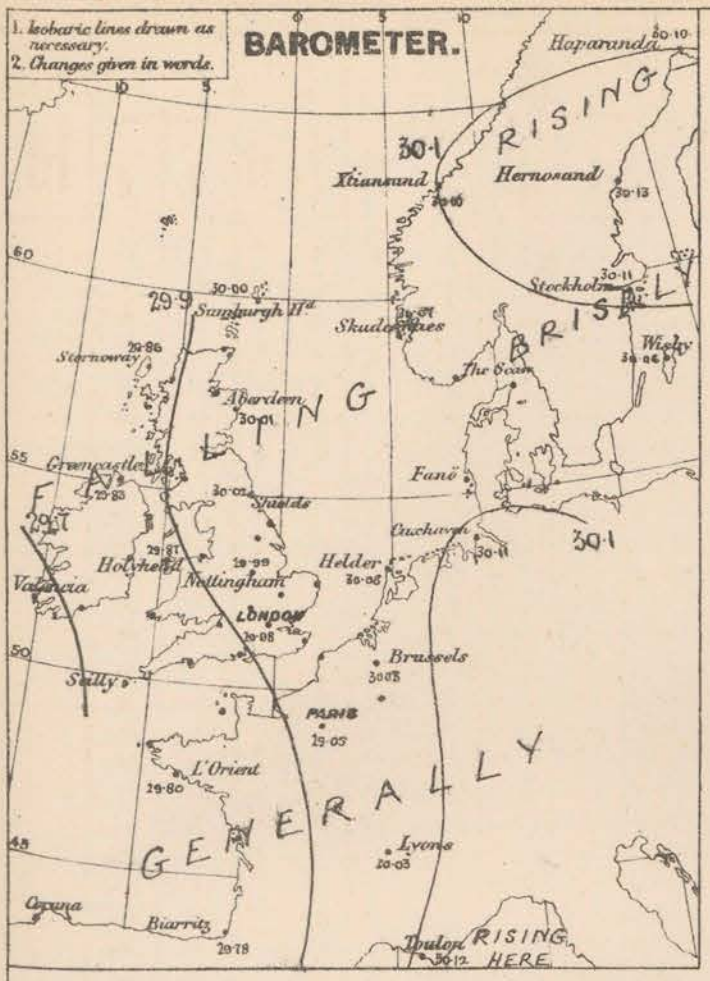
WEATHER.—*Beaufort Scale* is, b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency w. dew.

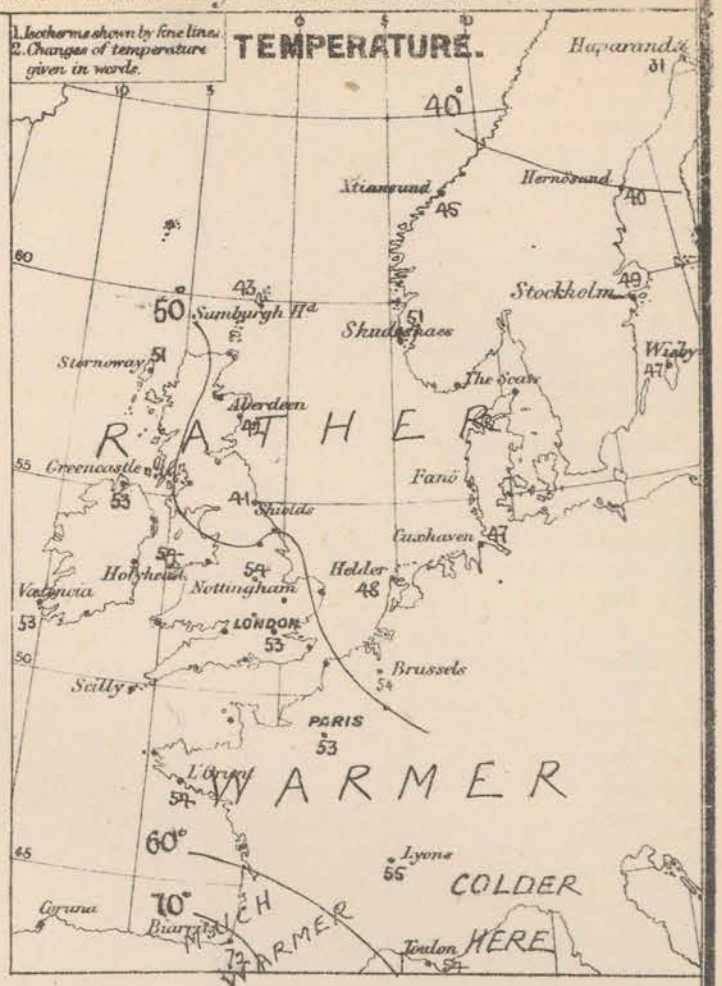
* AN ASTERISK is inserted in all places for which information is not usually received.

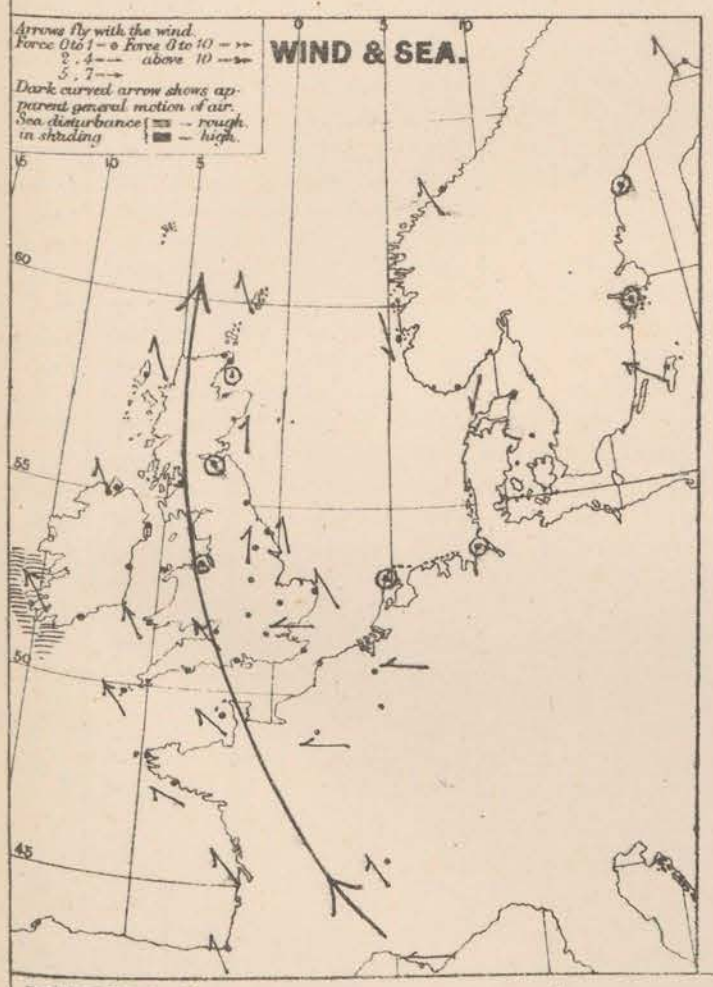
† The evening observations are taken at 6 p.m. in our Islands, at 8 p.m. (Christiania time) in Sweden, Norway, and Denmark, and at 7 p.m. (Paris time) in France.

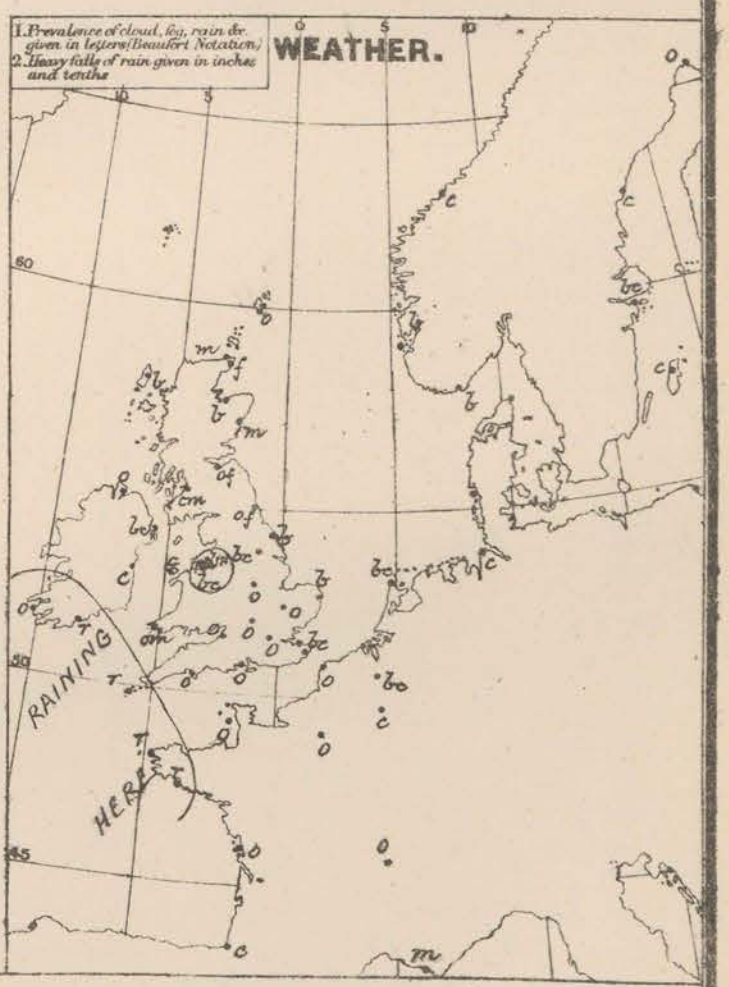
N.B.—The wind is said to "veer" when its direction changes *with the sun*, and to "back" when it shifts in the opposite direction.

WEATHER CHARTS *for 8 a.m. on Monday 29 April 1878.*









REMARKS. Weather has become rainy at the mouths of the English and St George's Channels, and the sky is more cloudy over Ireland, England and France than it was yesterday. In Scotland it remains clear, and fog is still reported off our NE. coasts. Temperature is rising slowly; the readings this morning vary from 42° at our NE. stations to between 53° and 55° in the SW and S. At Rochefort it is 57°, and Biarritz reports a reading of 72°F. at 8 a.m. Wind is SE by E all over the United Kingdom and Bay of Biscay, and rather more E in France. It is light in force at the N. and E. stations, but fresh in the SW. On the E. shores of the Baltic Sea variable airs prevail. Sea is rather rough off the SW. of Ireland, slight or smooth elsewhere. Barometrical Indications. The barometer continues to fall in all parts of the United Kingdom and France, but has risen briskly in Sweden. Gradients for SE winds are therefore becoming steeper over the United Kingdom, and stronger winds from that quarter are therefore probable.

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Meteorological Office,
116, Victoria Street, Westminster, S.W.

R. H. SCOTT.
Secretary

Dangerfield Lith 22 Bedford St. Covent Garden

DAILY WEATHER REPORT APRIL 30TH 1878.

STATIONS.	† YESTERDAY EVENING. Barometer at 32° F. and Sea Level.	Temp. in shade.	Wind. Direc.	Wind. Force. (0 to 12).	Weather.	8 A.M. TO DAY. Barometer. Reading at 32° F. and Sea Level.	Barometer. Difference from 8 a.m. yesterday.	Shade Temp. Dry.	Shade Temp. Wet.	Shade Temp. Difference from 8 a.m. yesterday.	Wind. Direc.	Wind. Force. (0 to 12).	Weather.	Sea. (0 to 9.)	PAST 24 HOURS. Shade Temp. Max.	Shade Temp. Min.	Amount of Rainfall.
Haparanda ...	30·05	34	N	2	o	30·08	− ·02	28	27	− 3	N	6	b	*	37	27	–
Hernösand ...	30·10	39	Z	0	o	30·09	− ·04	40	36	0	SE	2	c	*	*	*	–
Stockholm ...	30·05	43	SSW	2	o	30·01	− ·10	44	38	− 5	ESE	4	o	*	*	*	–
Wisby	30·05	42	SSE	2	o	30·02	− ·04	43	41	− 4	W	4	o	*	*	*	–
Christiansund ...	30·06	45	NNE	2	o	29·97	− ·13	46	42	+ 1	E	2	b	2	46	34	–
Skudesnaes ...	30·00	49	N	2	b	29·91	− ·16	54	50	+ 3	E	2	b	2	?	?	–
Oxö (Xtianesand)	30·01	50	NNW	2	b	29·97	− ·11	46	44	− 1	NNW	2	b	2	59	41	–
Skagen (The Skaw)	30·01	47	Z	0	b	29·99	− ·09	47	45	− 2	S	3	c	3	63	39	–
Fanö	29·99	43	N	1	b	29·89	− ·17	45	45	− 1	E	4	o	*	54	41	–
Cuxhaven ...	30·11	50	NNE	1	b	29·86	− ·25	50	49	+ 3	SE	3	b	*	50	45	–
Sumburgh Head	29·97	43	SSE	4	o	29·84	− ·28	47	45	+ 4	SE	4	c	4	47	40	–
Stornoway	29·75	54	NE	2	bc	29·71	− ·15	51	49	0	SSE	2	r	2	59	47	0·02
Thurso	29·84	48	ESE	3	c	29·74	− ·21	47	44	− 2	SE	4	bcm	3	63	41	–
Wick	29·87	45	ESE	4	f	29·76	− ·20	44	43	− 3	ESE	3	bc	2	53	41	–
Nairn	29·81	60	E	1	b	29·72	− ·24	53	50	+ 5	Z	0	c	1	66	47	–
Aberdeen ...	29·92	43	SSE	1	o	29·79	− ·22	43	42	+ 1	SSE	1	o	1	45	41	–
Leith	29·81	52	SSE	2	bc	29·70	− ·27	53	48	+ 11	ENE	3	bc	*	60	41	–
Shields	29·87	49	SE	4	bc	29·74	− ·28	45	43	+ 4	E	3	o	2	57	40	–
Scarborough .	29·92	46	SSE	3	c	29·74	− ·30	44	44	− 6	ESE	1	o	2	57	43	–
York	29·88	55	SE	3	o	29·72	− ·31	48	45	− 2	E	1	o	*	63	42	–
Nottingham ...	29·83	60	SSE	3	o	29·66	− ·33	49	48	− 5	E	2	r	*	69	46	0·09
Ardrossan ...	29·75	60	SE	4	o	29·64	− ·28	54	47	+ 8	ESE	2	o	2	65	44	–
Greencastle ...	29·69	55	SE	2	r	29·57	− ·26	52	50	− 1	S	2	o	*	60	50	0·12
Donaghadee ...	29·72	50	SSE	2	r	29·63	− ·26	47	47	− 3	SSE	2	r	1	56	47	0·18
Kingstown ...	29·69	53	SE	4	o	29·59	− ·26	50	50	− 2	SE	1	r	1	56	50	0·76
Holyhead ...	29·72	60	ESE	2	o	29·60	− ·27	53	52	− 1	ESE	1	d	0	66	52	0·06
Liverpool (Hoylake)	29·74	59	ESE	3	o	29·63	− ·29	48	47	− 4	ESE	2	r	1	65	48	0·03
Valencia	29·58	55	ESE	3	o	29·52	− ·12	54	53	+ 1	SE	3	c	3	55	51	0·10
Roche's Point...	29·61	52	ESE	4	o	29·57	− ·16	53	53	+ 1	SE	2	f	4	54	50	0·34
Pembroke ...	29·66	53	ESE	5	o	29·60	− ·20	50	50	− 1	SSW	1	fg	3	55	50	0·24
Portishead ...	29·75	56	ESE	5	r	29·63	− ·24	55	54	+ 2	SSE	1	o	1	62	50	0·52
Scilly	29·60	54	ESE	4	o	29·63	− ·11	53	53	0	SSE	4	fd	4	55	52	0·06
Plymouth ...	29·67	53	E	4	op	29·65	− ·16	52	57	− 3	Z	0	qfd	*	58	52	0·16
Hurst Castle ...	29·77	56	SE	3	r	29·67	− ·19	52	52	− 2	NSW	2	f	3	57	50	0·17
Dover	29·82	53	ENE	3	c	29·68	− ·31	53	52	+ 2	SW	2	cg	1	56	50	0·02
London	29·82	56	SE	3	o	29·67	− ·31	56	55	+ 3	S	2	o	*	65	50	0·24
Oxford	*	*	*	*	*	29·64	− ·29	54	53	+ 1	Z	0	qf	*	64	49	0·34
Cambridge ...	29·83	58	E	2	o	29·67	− ·33	52	51	− 1	E	1	o	*	66	47	0·10
Yarmouth ...	29·89	48	E	4	bc	29·69	− ·38	48	48	0	E	2	cd	2	52	46	0·07
The Helder. ...	*	*	*	*	*	29·73	− ·35	54	53	+ 6	NE	1	o	*	*	*	–
Cape Gris Nez	29·83	55	E	1	o	29·71	− ·27	57	55	+ 2	S	1	r	0	68	52	0·04
Jersey	29·76	54	ESE	2	o	29·74	?	53	53	0	NSW	2	o	2	59	52	0·12
Brest	29·74	59	SSW	3	m	29·75	− ·05	54	54	0	S	3	m	4	59	?	0·12
L'Orient	29·76	55	SW	1	r	29·77	− ·03	55	55	+ 1	SW	3	r	3	61	52	0·24
Rochefort ...	29·75	63	SSE	2	o	29·85	+ ·04	59	59	+ 2	SE	3	o	3	66	50	–
Biarritz	29·82	64	SW	3	r	29·82	+ ·04	61	59	− 11	ENE	3	bc	3	57	52	–
Corunna	*	*	*	*	*				*						*	*	*
Brussels	*	*	*	*	*	29·72	− ·31	57	56	+ 6	ESE	1	o	*	68	57	–
Charleville ...	*	*	*	*	*	29·73	− ·30	58	*	+ 8	ESE	3	c	*	*	*	*
Paris	29·91	63	ESE	2	r	29·72	− ·23	56	56	+ 3	SE	1	r	*	*	*	0·59
Lyons	*	*	*	*	*	29·94	− ·09	58	*	+ 3	S	2	r	*	*	*	*
Toulon	30·08	59	SE	2	m	29·98	− ·14	54	48	0	E	5	o	4	61	52	–

YESTERDAY'S 2 P.M. REPORTS AND REMARKS.

	Bar.	Dry.	Wet.	Wind.		Wea.	Sea.		Bar.	Dry.	Wet.	Wind.		Wea.	Sea.
Skudesnaes ...	30·02	56	46	N	2	b	2	Valencia	29·57	53	52	ESE	4	ogm	4
Thurso	29·90	57	52	ESE	3	bcm	2	Scilly	29·68	53	52	ESE	6	op	4
Scarborough ...	29·99	48	47	SSE	3	b	2	London	29·89	60	54	ESE	2	o	*
Greencastle ...	29·74	58	54	SE	2	o	*	Rochefort ...	29·79	66	63	E	2	o	3
Holyhead	29·87	64	59	SSW	3	c	2								

No important change.

EXPLANATION OF COLUMNS.

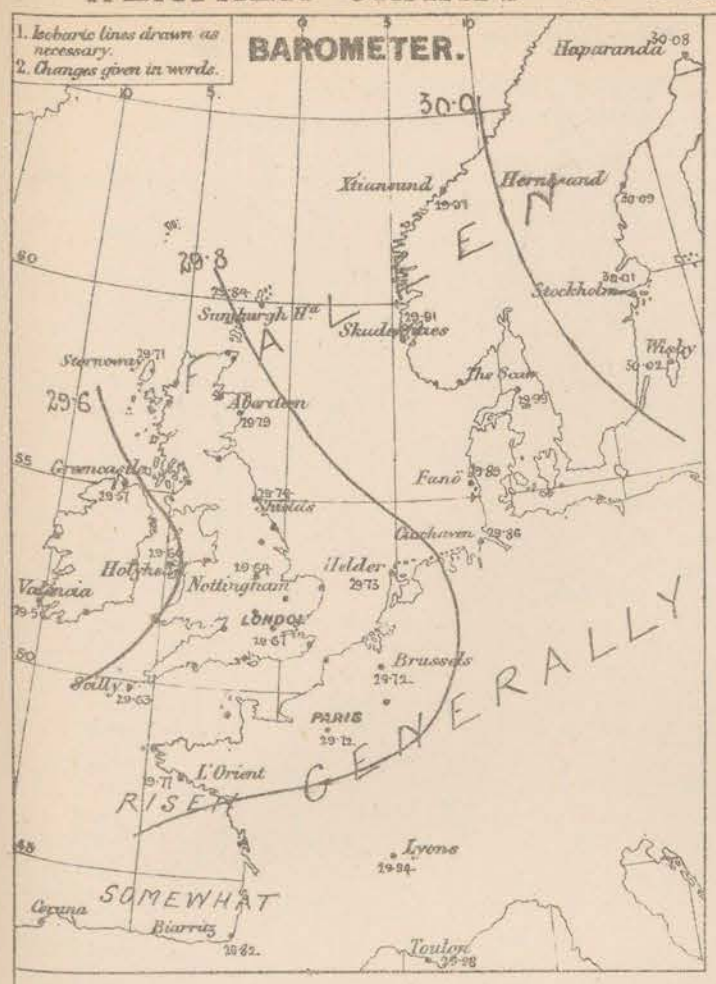
WEATHER.—*Beaufort Scale* is, b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. mist (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.

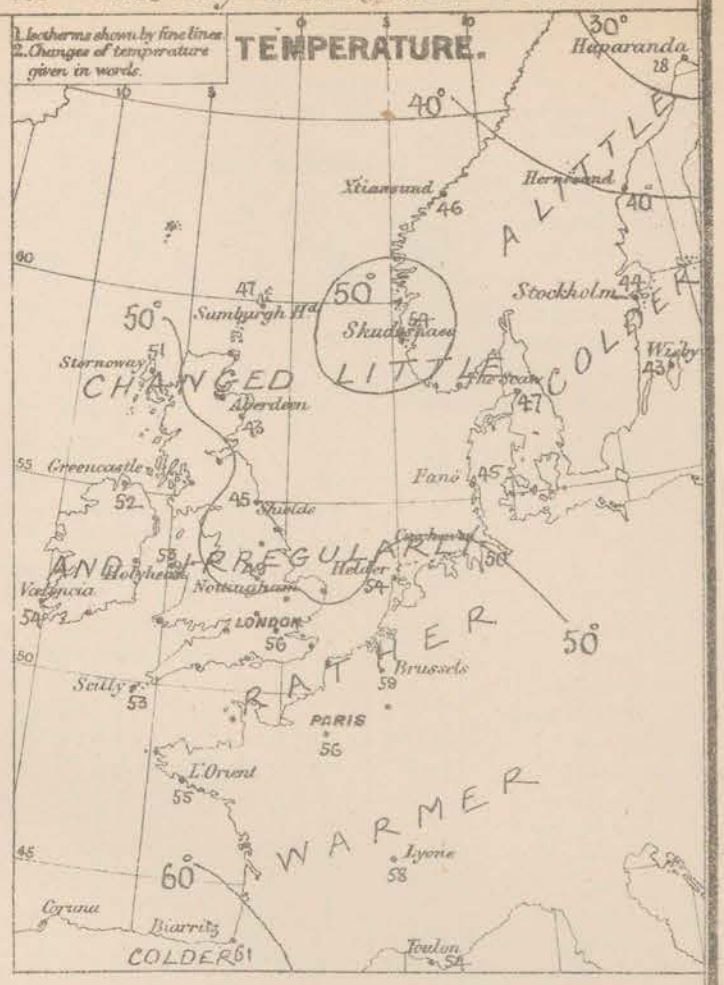
* AN ASTERISK is inserted in all places for which information is not usually received.

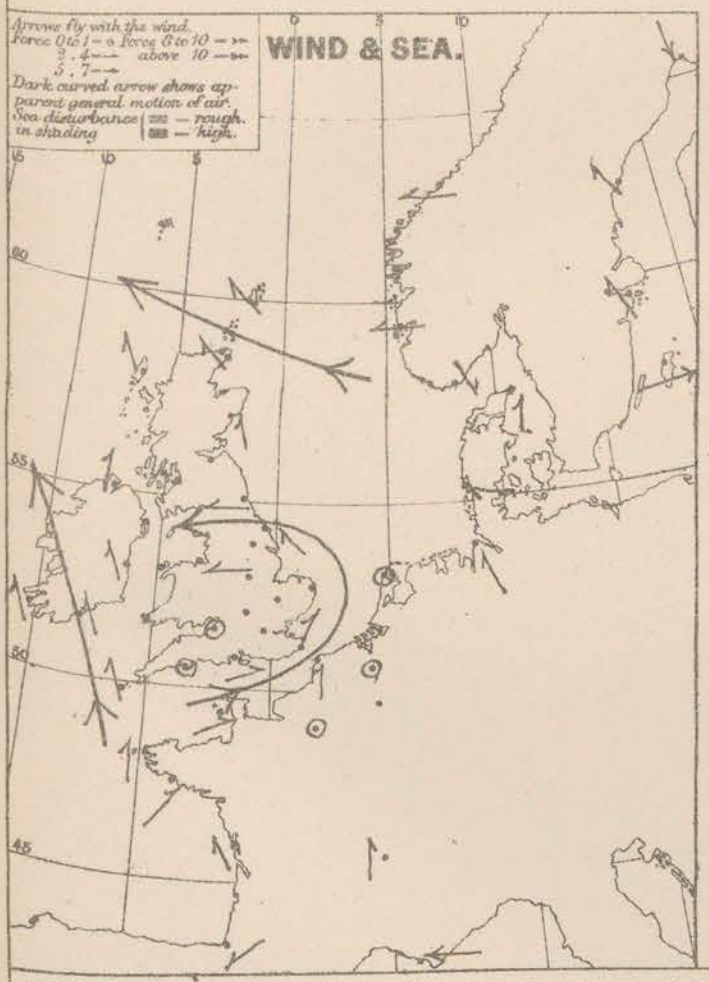
† The evening observations are taken at 6 p.m. in our Islands, at 8 p.m. (Christiania time) in Sweden, Norway, and Denmark, and at 7 p.m. (Paris time) in France.

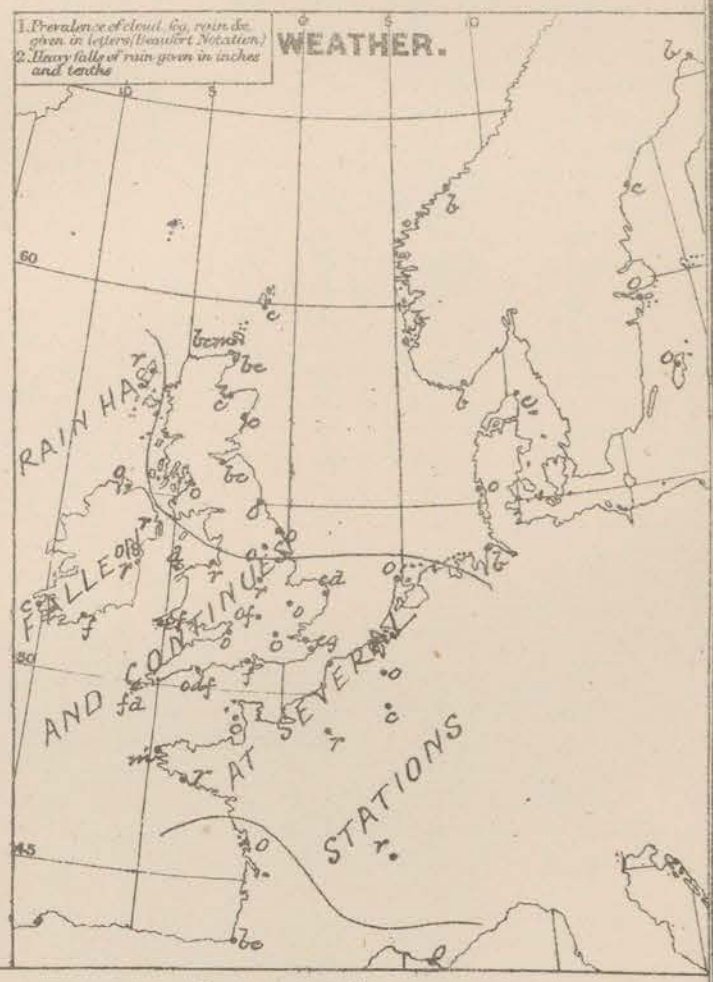
N.B.—The wind is said to "veer" when its direction changes *with the sun*, and to "back" when it shifts in the opposite direction.

WEATHER CHARTS for 8 a.m. on Tuesday 30. April 1878.









REMARKS. Weather is clear on the E. shores of the North Sea, very cloudy in our Islands and France, with rain in many places, and fog in the Channels. Rain has fallen in Ireland and the S. half of England since yesterday, the largest amounts reported being 0.8 in. at Kingstown, and 0.3 in at Roche's Point, Portrhead and Oxford. Temperature has risen a few degrees in North Britain, and also over France (excepting at Biarritz), elsewhere it has changed little and irregularly. It rose to as high as 81° F at Biarritz yesterday, to 69° at Nottingham, 68° at Cape Gris Nez, 66° at Holyhead, and Cambridge, and 65° at Aberdeen, Liverpool and London. Wind is light and very variable. It is chiefly SE. in the west of our Islands, and also in the NE. of France, but is E. in the E. and N. of England, S. in London, and WSW. in the Channels. Sea is moderate to smooth.

Barometrical Indications. Pressure is still relatively high in the S. of France and over Scandinavia, while it is lowest over Valentia, and there appears to be some secondary disturbance over England. Gradients are, however, slight, and the changes now taking place are not likely to render them steep.

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Meteorological Office, 116, Victoria Street, Westminster, S.W.
R. H. SCOTT.
Secretary

CORRECTIONS AND ADDITIONS TO THE REPORTS FOR APRIL 1878

1. REPORTS RECEIVED TOO LATE FOR INSERTION DAILY.

DATE.	STATIONS.	† YESTERDAY EVENING. Barometer at 32° F. and Sea Level.	Temp. in shade.	Wind. Direc.	Wind. Force. (0 to 12).	Weather.	8 A.M. TO DAY. Barometer. Reading at 32° F. and Sea Level.	Barometer. Difference from 8 a.m. yesterday.	Shade Temp. Dry.	Shade Temp. Wet.	Shade Temp. Difference from 8 a.m. yesterday.	Wind. Direc.	Wind. Force. (0 to 12).	Weather.	Sun. (0 to 9.)	PAST 24 HOURS. Shade Temp. Max.	Shade Temp. Min.	Amount of Rainfall
1st	Haparanda	29·41	34	E	2	o	29·32	-·36	36	35	+ 8	SE	4	n	*	36	28	0·16
"	Hernosand	29·05	35	SE	4	n	29·07	-·14	35	35	- 3	SSW	4	c	*	*	*	0·59
"	Stockholm	28·94	27	SSE	9	bc	29·30	+·26	34	32	- 5	SSW	4	b	*	*	*	0·02
"	Wisby	29·01	37	S	6	n	29·35	+·26	35	33	- 8	SSW	6	b	*	*	*	0·08
"	Christiansund	28·91	29	E	3	c	28·81	-·24	32	31	+ 2	SSW	4	s	3	36	25	-
"	Skudesnaes	28·93	33	E	0	c	28·76	-·29	33	30	- 2	E	6	o s	4	37	32	-
"	Cas	28·98	33	SSW	4	bc	28·91	-·11	33	32	+ 2	S	4	c	?	?	?	0·12
"	Scilly	29·42	48	WSW	6	o	29·32	-·35	42	40	- 1	NNW	6	c p	6	52	40	0·41
"	Jersey	29·51	44	SW	5	o	29·28	-·40	41	38	0	NNW	4	o m	4	47	38	0·16
"	Scilly 2pm	-	-	-	-	-	29·38	-	45	42	-	NNW	5	c	5	-	-	--
2nd	Scilly	29·39	45	W	4	o	29·42	+·10	45	44	+ 3	WNW	8	c q	6	47	41	0·17
"	Jersey	29·39	43	WNW	3	b	29·44	+·16	42	40	+ 1	W	4	q c h r	5	45	40	0·09
"	Corunna	*	*	*	*	*	30·06	+·18	51	*	0	W	6	c p	5	*	*	*
"	Scilly 2pm	-	-	-	-	-	29·57	+	47	45	-	WNW	8	c	6	-	-	-
3rd	Scilly	29·62	47	WNW	8	c	29·52	+·10	45	45	0	N	0	n	5	48	44	0·46
"	Jersey	29·61	46	W	6	b	29·62	+·18	47	47	+ 5	SSW	5	o q	5	49	41	0·19
"	Corunna	*	*	*	*	*	30·11	+·05	50	*	- 1	SW	3	o	5	*	*	*
"	Scilly 2pm	-	-	-	-	-	29·58	-	49	46	-	WNW	6	c	5	-	-	-
4th	Scilly	29·66	48	WNW	6	c	29·80	+·23	48	45	+ 3	WNW	4	b c	4	49	44	0·05
"	Jersey	29·64	46	W	5	n	29·83	+·21	48	44	+ 1	NW	1	b c	1	52	40	0·26
"	Corunna	*	*	*	*	*	?	?	46	*	- 4	S	3	c p	1	*	*	*
"	Scilly 2pm	-	-	-	-	-	29·84	-	51	45	-	W	4	b c	4	-	-	-
5th	Scilly	29·[illegible]	48	WSW	4	bc	29·91	+·11	48	44	0	WNW	5	b c	4	52	44	0·01
"	Jersey	29·90	46	NW	1	b	29·94	+·11	46	44	+ 2	W	3	b q	2	52	41	0·01
"	Corunna	*	*	*	*	*	30·00	?	50	*	+ 4	SW	3	c	1	*	*	*
"	Scilly 2pm	-	-	-	-	-	29·98	-	50	45	-	NW	4	b c	4	-	-	-
6th	Scilly	30·02	48	WSW	4	bc	30·08	+·17	49	46	+ 1	ESE	2	b c	3	51	43	-
"	Jersey	30·06	47	W	2	b	30·15	+·21	50	44	+ 4	N	0	b	0	50	41	-
"	Corunna	*	*	*	*	*	29·87	-·13	57	*	+ 7	S	3	c d	1	*	*	*
"	Scilly 2pm	-	-	-	-	-	30·08	-	51	47	-	E	4	b c	3	-	-	-
7th	Scilly	30·07	48	E	5	c	29·90	-·18	50	47	+ 1	E	9	c	6	52	40	-
"	Jersey	30·13	47	NE	3	b	30·03	-·12	46	43	- 4	E	4	m b	4	55	42	-
8th	Scilly	29·71	50	E	10	o	29·59	-·31	49	49	0	E	8	n	6	51	48	0·12
"	Jersey	29·83	55	E	5	bc	29·76	-·27	47	44	+ 1	E	4	o p m	3	58	45	0·01
"	Corunna	*	*	*	*	*	29·61	?	53	*	?	SW	6	c p	1	*	*	*
"	Scilly 2pm	-	-	-	-	-	29·62	-	48	48	-	ESE	8	n	7	-	-	-
9th	Scilly	29·64	49	E	8	o	29·71	+·12	48	47	- 1	E	9	o	6	50	47	0·16
"	Corunna	*	*	*	*	*	29·54	-·07	58	*	0	SW	6	c n f	1	*	*	*
"	Scilly 2pm	-	-	-	-	-	29·79	-	47	46	-	E	8	n	6	-	-	-
10th	Scilly	29·81	47	E	8	o	29·88	+·12	47	45	- 1	ENE	6	c	4	49	45	0·07
"	Corunna	*	*	*	*	*	29·93	+·39	58	*	0	SW	3	o	1	*	*	*
"	Scilly 2pm	-	-	-	-	-	29·83	-	48	46	-	NNE	5	o	4	-	-	-
11th	Scilly	29·85	47	NNW	6	o	30·01	+·18	49	47	+ 2	NNW	4	o	8	49	46	-
"	Corunna	*	*	*	*	*	30·16	+·23	59	*	+ 1	SW	3	c p f	1	*	*	*
"	Scilly 2pm	-	-	-	-	-	30·02	-	53	51	-	NW	4	c	3	-	-	-
12th	Scilly	30·13	50	NW	4	o	30·10	+·09	51	49	+ 2	SSE	3	c	2	53	46	-
"	Corunna	*	*	*	*	*	30·20	+·04	56	*	- 3	?SE	?	c	1	*	*	*
"	Scilly 2pm	-	-	-	-	-	30·05	-	52	50	-	S	5	n	3	-	-	-
13th	Christiansund	30·22	44	W	3	bc	30·14	-·22	40	39	+ 5	NW	3	n	2	48	36	0·04
"	Scilly	29·98	49	SSE	6	n	29·81	-·29	52	52	+ 1	S	6	f d	6	54	43	0·86
"	Corunna	*	*	*	*	*	30·05	-·15	59	*	+ 3	S	6	c	1	*	*	*
"	Scilly 2pm	-	-	-	-	-	29·88	-	55	55	-	SSW	4	f	5	-	-	-
14th	Scilly	29·89	53	SW	4	f	29·92	+·11	53	53	+ 1	S	4	o	4	56	50	0·02
15th	Scilly	29·93	54	S	4	o	29·98	+·06	53	52	0	S	3	o f	3	56	50	-
"	Corunna	*	*	*	*	*	30·10	·00	57	*	- 1	SW	3	c	1	*	*	*
"	Scilly 2pm	-	-	-	-	-	29·97	-	55	54	-	S	4	o	4	-	-	-
16th	Cuxhaven	30·08	56	NW	3	b	29·94	-·05	51	50	- 6	WSW	1	b	*	59	43	-
"	Scilly	29·94	53	S	4	f	29·79	-·19	52	52	- 1	S	4	n f	4	56	51	0·27
"	Lorient	30·02	55	W	1	c	29·89	-·23	52	52	+ 4	SW	3	n	3	59	46	0·16
"	Corunna	*	*	*	*	*	30·15	+·05	59	*	+ 2	SW	3	c	1	*	*	*
"	Scilly 2pm	-	-	-	-	-	29·81	-	57	55	-	WSW	5	b c	4	-	-	-
17th	Scilly	29·83	52	WSW	5	c	29·82	+·08	52	51	0	W	5	o	5	57	50	0·03
"	Corunna	*	*	*	*	*	30·24	+·09	59	*	0	SW	6	c n f	1	*	*	*
"	Scilly 2pm	-	-	-	-	-	29·84	-	55	53	-	W	5	b c	5	-	-	-
18th	Haparanda	29·92	27	N	0	o	29·92	+·12	28	26	- 4	SW	2	b c	*	30	14	-
"	Hernosand	30·00	31	E	2	c	29·96	+·15	34	33	+ 3	S	6	o	*	*	*	-
"	Stockholm	29·90	34	ENE	4	b	30·01	+·27	38	36	+ 1	N	0	b	*	*	*	-
"	Wisby	29·82	30	ENE	6	b	29·91	+·22	39	34	- 5	SE	8	b	*	*	*	-
"	Scilly	29·86	52	WSW	5	c	29·76	-·06	52	52	0	S	3	f	4	55	49	0·01
"	Corunna	*	*	*	*	*	30·07	-·17	60	*	+ 1	SW	3	c p	1	*	*	*
"	Scilly 2pm	-	-	-	-	-	29·68	-	52	52	-	SSE	4	f n	4	-	-	-
19th	Scilly	29·65	52	WSW	5	f	29·65	-·11	53	53	+ 1	SSW	5	o	5	53	51	0·17

1. REPORTS RECEIVED TOO LATE FOR INSERTION DAILY (*continued*)

Date	Stations.	† Yesterday Evening. Barometer at 32° F. and Sea Level.	Temp. in shade.	Wind. Direc.	Wind. Force. (0 to 12).	Weather.	8 A.M. to Day. Barometer. Reading at 32° F. and Sea Level.	Barometer. Difference from 8 A.M. yesterday.	Shade Temp. Dry.	Shade Temp. Wet.	Shade Temp. Difference from 8 A.M. yesterday.	Wind. Direc.	Wind. Force. (0 to 12).	Weather.	Sun. (0 to 6.)	Past 24 Hours. Shade Temp. Max.	Shade Temp. Min.	Amount of Rainfall
20th	Scilly	29·55	53	SSW	6	0	29·49	−·16	54	53	+1	S	6	cm	7	57	49	0·08
"	Coruña	*	*	*	*	*	29·90	?	58	*	?	SW	6	c	7	*	*	*
23rd	Coruña	*	*	*	*	*	29·72	−·33	56	*	−2	SW	9	cN	7	*	*	*
24th	Coruña	*	*	*	*	*	29·83	+·11	55	*	−1	SW	9	cfp	7	*	*	*
25th	Coruña	*	*	*	*	*	29·91	+·08	56	*	+1	SW	6	cpf	7	*	*	*
26th	Coruña	*	*	*	*	*	30·09	+·18	55	*	−1	SW	3	c	1	*	*	*
27th	Coruña	*	*	*	*	*	30·10	+·01	56	*	+1	NE	3	o	1	*	*	*
29th	Skagen	30·03	44	N	0	b	30·08	+·07	49	45	+5	E	2	b	1	61	41	–
"	Jaus	30·08	43	WNW	4	c	30·06	−·06	46	45	−4	W	1	o	*	52	41	–
"	Coruña	*	*	*	*	*	29·80	−·20	61	*	+1	SW	3	c	1	*	*	*
30th	Coruña	*	*	*	*	*	29·83	+·03	64	*	+3	SW	6	cN	1	*	*	*

CORRECTIONS

Date	Stations.	Barometer at 32° F. and Sea Level.	Temp. in shade.	Wind. Direc.	Wind. Force.	Weather.	Barometer. Reading at 32° F. and Sea Level.	Barometer. Difference from 8 A.M. yesterday.	Shade Temp. Dry.	Shade Temp. Wet.	Shade Temp. Difference from 8 A.M. yesterday.	Wind. Direc.	Wind. Force.	Weather.	Sun.	Shade Temp. Max.	Shade Temp. Min.	Amount of Rainfall
1st	Nairn	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	27	–
"	Plymouth	–	–	–	–	–	–	–	–	–	–	–	–	–	–	? 51	–	–
"	Oxford	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	? 28	–
"	Cambridge	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	0·13
2nd	Leith	–	–	?	–	–	–	–	–	–	–	–	–	–	–	–	–	–
"	Plymouth	–	–	–	–	–	–	–	–	–	–	–	–	–	–	? 50	–	–
"	Yarmouth	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	29	–
3rd	Aberdeen	29·12	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
"	Plymouth	–	–	–	–	–	–	–	–	–	–	–	–	–	–	? 52	–	–
4th	Nottingham	–	–	–	–	–	29·74	–	–	–	–	–	–	–	–	–	–	–
"	Plymouth	–	–	–	–	–	–	–	–	–	–	–	–	–	–	48	–	–
5th	Pembroke	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	0·04
"	Plymouth	–	–	–	–	–	–	–	–	–	–	–	–	–	–	? 55	–	–
6th	York	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	0·05
"	Holyhead 2pm	–	–	–	–	–	30·14	–	–	–	–	–	–	–	–	–	–	–
9th	Wick	–	–	–	–	–	–	–	–	–	–	–	–	–	–	49	–	–
"	Valentia	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	0·01
12th	Valentia 2pm	–	–	–	–	–	–	–	–	50	–	–	–	–	–	–	–	–
13th	Nairn	–	–	–	–	–	30·01	–	–	–	–	–	–	–	–	–	–	–
"	Nottingham	30·11	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
"	Oxford	–	–	–	–	–	–	–	–	–	–	–	–	–	–	61	–	–
14th	Plymouth	–	–	–	0	odf	–	–	–	–	–	–	–	–	–	–	–	–
15th	Liverpool	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	51	–
"	Roche's Point	–	–	–	–	–	29·87	+·04	–	–	–	–	–	–	–	–	–	0·26
16th	Leith	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	0·02
"	York	29·91	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
"	Pembroke	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	0·20
17th	Cape Gris Nez	–	–	–	–	–	–	–	–	–	–	–	–	f	–	–	–	–
18th	Truro	–	–	–	–	–	–	–	–	–	–	–	–	–	o	–	–	–
19th	London	–	58	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
21st	Stornoway	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	0·13
"	Yarmouth	? 29·57	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
22nd	Scarborough	–	–	–	–	–	–	–	–	–	–	–	–	–	–	50	–	–
"	Pembroke	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	? 42	–
23rd	Valentia	–	–	–	–	–	–	–	–	47	–	–	–	–	–	–	–	no Rain
24th	Paris	–	–	–	–	–	29·54	−·07	–	–	–	–	–	–	–	–	–	–
25th	Thurso	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	0·01
"	Ardrossan	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	0·01
"	Valentia	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	46	–
26th	Jersey	–	–	–	–	–	–	–	–	–	–	NNE	–	–	–	–	–	–
27th	Ardrossan	–	–	–	–	–	–	–	–	–	–	–	–	–	1	–	–	–
28th	Hurst Castle	–	–	W	–	–	–	–	–	–	–	–	–	–	–	–	–	–
29th	Sumburgh Hd.	–	–	–	–	–	30·00	–	–	–	–	–	–	–	–	–	–	–
"	Jersey	–	–	–	–	–	29·86	−·31	–	–	–	–	–	–	–	–	–	–
30th	Cambridge	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	0·11
"	Jersey	–	–	–	–	–	–	−·12	–	–	–	–	–	–	–	–	–	–